FINAL REPORT

Characterization of the Nature and Extent of Per- and Polyfluoroalkyl Substances (PFASs) in Environmental Media at DoD Sites for Informed Decision-Making

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14. ABSTRACT

The overall goal of the project was to gain an overview of the PFAS problem within representative DoD sites by performing detailed, systematic investigations on the nature and extent of PFAS contamination at three sites. The purpose was to develop improved general Conceptual Site Models that site managers can use to inform cost-effective PFAS management decisions across the DoD portfolio of PFAS-impacted sites. As part of this objective, this project also aimed to provide verification of PFAS fate and transport processes that have been increasingly documented in controlled lab settings but have yet to be comprehensively investigated at field scale.

High-resolution characterization field efforts, along with state-of-the-art analytical methods provided a detailed and unique set of results for three sites: i) NAS Jacksonville, FL; ii) NBVC Pt. Mugu, CA; and iii) NALF Fentress, VA. The spatial patterns in PFAS data were used to develop a Conceptual Site Model for each of the three sites that identifies the relevant transport processes, the potential for migration, and active natural attenuation mechanisms at the site. This can include retardation due to various mechanisms, as well as biodegradation of polyfluorinated compounds which may serve as precursors to PFAAs.

The results showed that PFAS distribution within the source area and downgradient plume reflected site conditions such as soil parameters, as well as expected fate and transport processes. Mechanisms such as retardation due to the

partitioning of PFAS to solid-phase surfaces from hydrophobic and electrostatic interactions were consistently observed, along with slow advection and diffusion into shallow lower-permeability soils. For example, at NAS Jacksonville, these processes were particularly evident for zwitterionic/cationic precursors, which were strongly retained within source area soils with low permeability. Here, the groundwater plume was largely comprised of PFAAs, and the presence of intermediates of suspected biotransformation pathways confirmed that this mechanism was active within the plume. At NBVC Pt. Mugu, retention within the source area could also be attributed to enhanced electrostatic interactions due to the presence of high salinity groundwater. At NALF Fentress, PFAS concentrations were generally highest in shallow unsaturated soils within the source area and then decreased with depth and distance downgradient. This retention could be partially attributed to the enhanced partitioning of PFAS at the air-water interface within the vadose zone. Collectively, these processes contribute to attenuation of PFAS concentrations moving away from the source, with decreases in concentration of several orders of magnitude observed between the source area and the farthest downgradient locations. Given that the approach used during this project is data intensive, costs associated with a similar level of effort at another site would be expected to be several hundred thousand dollars.

15. SUBJECT TERMS
PFAS, PFOS, PFOA, Precursors, Non-Targeted Analysis, High Resolution, Biodegradation, Transformation, Biotransformation, Mobility, Transport, Retention, Mass Flux, Conceptual Site Model, PIGE

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ACRONYMS

AEC.....anionic exchange capacity
AFFF .....aqueous film forming foam
CEC.....cation exchange capacity
CSM .....Colorado School of Mines
DoD.....Department of Defense
DPT .....direct-push technology
ECF .....electrochemical fluorination
EPA.....US Environmental Protection Agency
ER .....environmental restoration
ESTCP.....Environmental Security Technology Certification Program
FFTA.....fire-fighter training area
FFTF .....Fire Fighting Training Facility
f_{oc}.....fraction of organic carbon
FTSA.....fluorotelomer sulfonate
GAC .....granular activated carbon
GSI .....GSI Environmental Inc.
HAL .....health advisory level
HPT .....hydraulic profiling tool
HRMS .....high resolution mass spectrometry
IDW.....investigation-derived waste
ITRC .....Interstate Technology Regulatory Council
K_d .....soil adsorption coefficient
LC-MS/MS .....liquid chromatography tandem mass spectrometry
LOE.....lines of evidence
MNA .....monitored natural attenuation
NALF .....Naval Auxiliary Landing Field
NAS.....Naval Air Station
NAVFAC .....Naval Facilities Engineering Command
NBVC .....Naval Base Ventura County
OSU.....Oregon State University
PCA.....Principal Component Analysis
PFAA .....polyfluorinated precursors to perfluoroalkyl acids
PFAS .....per- and polyfluoroalkyl substances
PFOA .....perfluorooctanoate
PFOS .....perfluorooctane sulfonate
PFSA .....perfluoralkyl sulfonates
PI.....Principal Investigator
PIGE.....particle-induced gamma ray emission spectroscopy
QA/QC .....quality assurance/quality control
QSM.....Quality Systems Manual
RPM .....remedial project manager
SDWA.....Safe Drinking Water Act
TF.....total fluorine
TOP.....total oxidizable precursor

VOC .....volatile organic compounds
UCMR.....Unregulated Contaminant Monitoring Rule
UND.....University of Notre Dame
US EPA.....United States Environmental Protection Agency

ABSTRACT

Introduction and Objectives: The overall goal of the project was to gain an overview of the PFAS problem within representative DoD sites by performing detailed, systematic investigations on the nature and extent of PFAS impacts at three sites. The purpose was to develop improved general Conceptual Site Models that site managers can use to inform cost-effective PFAS management decisions across the DoD portfolio of PFAS-impacted sites. As part of this objective, this project also aimed to provide verification of PFAS fate and transport processes that have been increasingly documented in controlled lab settings but have yet to be comprehensively investigated at field scale.

Technology Description: High-resolution characterization field efforts, along with state-of-the-art analytical methods provided a detailed and unique set of results for three sites: i) NAS Jacksonville, FL; ii) NBVC Pt. Mugu, CA; and iii) NALF Fentress, VA. The spatial patterns in PFAS data were used to develop a Conceptual Site Model for each of the three sites that identifies the relevant transport processes, the potential for migration, and active natural attenuation mechanisms at the site. This can include retardation due to various mechanisms, as well as biodegradation of polyfluorinated compounds which may serve as precursors to PFAAs.

Performance and Cost Assessment: The results showed that PFAS distribution within the source area and downgradient plume reflected site conditions such as soil parameters, as well as expected fate and transport processes. Mechanisms such as retardation due to the partitioning of PFAS to solid-phase surfaces from hydrophobic and electrostatic interactions were consistently observed, along with slow advection and diffusion into shallow lower-permeability soils. For example, at NAS Jacksonville, these processes were particularly evident for zwitterionic/cationic precursors, which were strongly retained within source area soils with low permeability. Here, the groundwater plume was largely comprised of PFAAs, and the presence of intermediates of suspected biotransformation pathways confirmed that this mechanism was active within the plume. At NBVC Pt. Mugu, retention within the source area could also be attributed to enhanced electrostatic interactions due to the presence of high salinity groundwater. At NALF Fentress, PFAS concentrations were generally highest in shallow unsaturated soils within the source area and then decreased with depth and distance downgradient. This retention could be partially attributed to the enhanced partitioning of PFAS at the air-water interface within the vadose zone. Collectively, these processes contribute to attenuation of PFAS concentrations moving away from the source, with decreases in concentration of several orders of magnitude observed between the source area and the farthest downgradient locations. Given that the approach used during this project is data intensive, costs associated with a similar level of effort at another site would be expected to be several hundred thousand dollars.

Implementation Issues: No major procurement or permitting issues are anticipated. This approach can be implemented with standard field equipment but may require specialty analytical lab services. Some data (e.g., non-target analytes) may not be applicable to compliance programs.

Publications: Three published papers that were directly or partially funded by this project: 1) Nickerson et al., 2020) ("Enhanced extraction of AFFF-associated PFASs from source zone soils", ES&T); 2) Nickerson et al., 2020 ("Spatial trends of anionic, zwitterionic, and cationic PFASs at an AFFF-impacted site", ES&T); 3) Adamson et al., 2020 ("Mass-Based, Field-Scale Demonstration of PFAS Retention within AFFF-Associated Source Areas", ES&T). Two

manuscripts are currently in preparation: 1) Comparison of relevant processes impacting PFAS fate and transport; and 2) Modeling of PFAS plume behavior over time.

EXECUTIVE SUMMARY

E.1 INTRODUCTION

This study was conducted as part of project ER-201633 *The Characterization and Nature of Per- and Polyfluoroalkyl Substances (PFAS) in Environmental Media at DoD Site for Informed Decision-Making*. This project was performed in collaboration with Environmental Security Technology Certification Program (ESTCP) and the Naval Facilities Engineering Command (NAVFAC), along with GSI Environmental Inc. (GSI), Oregon State University (OSU), Colorado School of Mines (CSM), and University of Notre Dame (UND). The following summarizes the approach and key results of the project.

E.2 OBJECTIVES

The overall goal of the project was to gain an overview of the PFAS problem within representative DoD sites and to perform detailed, systematic investigations on the nature and extent of PFAS impacts at three sites for the purpose of developing improved general Conceptual Site Models that DoD site managers can use to develop cost-effective PFAS management strategies across the DoD portfolio. In part, this project also aimed to provide verification of PFAS fate and transport processes that have been increasingly documented in controlled lab settings but have yet to be comprehensively investigated at field scale.

To achieve these goals, the following technical objectives were addressed:

1) Conduct state-of-the art, high-spatial resolution sampling at three DoD firefighter-training areas, or areas where AFFF was known to have been used in quantity, and to apply state-of-the-art analytical techniques for the determination of total fluorine in groundwater and individual PFAS in soil, sediment, groundwater, and surface water.
2) Conduct in-depth spatial analysis of data on total fluorine and individual PFAS to delineate plume boundaries, identify source zones, differentiate sources, and to estimate field retardation factors and in-situ transformation rates.

The primary tasks that were performed to meet the objectives of the project, as follows:

- Task 1: Development of an overall Demonstration Plan (as well as site-specific plans) by leads from NAVFAC and GSI;
- Task 2: Detailed field investigations were conducted by GSI, with lab analyses performed by Colorado School of Mines, University of Notre Dame, Oregon State University, and a commercial laboratory.
- Task 3: Data analysis, interpretation, and development of PFAS conceptual models by the entire team.
- Task 4: Reporting and technology transition.

E.3 TECHNOLOGY DESCRIPTION

This project focused on combining several high-resolution approaches and implementing these methods at three DoD site with known PFAS detections:

- Site 1: NAS Jacksonville FL
- Site 2: NBVC Pt. Mugu
- Site 3: NALF Fentress, VA

Each field program was designed to collect high-resolution groundwater and soil data. Specific sampling methodology used during this project involved:

1) High-resolution vertical stratigraphic profiling;
2) Depth-discrete collection of groundwater samples; and
3) Depth-discrete collection of soil samples.

Specifically, multiple locations were characterized at each site with the focus on source areas, several downgradient locations, and a minimum of one upgradient (background) location. The following analyses were completed on groundwater and/or soil samples collected during the field program:

- ***PFASs***. Aqueous-phase samples were primarily analyzed for PFAS at Oregon State University using a combination of LC-MS-MS and LC-QTOF-MS in both ESI- and ESI+ modes. This detailed PFAS analysis of groundwater by OSU can determine the distribution and concentrations of hundreds of individual PFASs. All analyses of solid-phase samples for PFAS were completed at Colorado School of Mines using LC-QTOF-MS in both ESI- and ESI+ modes with appropriate dilutions. The PFAS analyte list was designed to be as similar as possible to that performed for groundwater at OSU. The method quantifies all the analytes listed in US EPA Method 537 and the latest DoD QSM list (40 as of the date of this report) but expands beyond this list by including a wider range of homologs and unique chemistries. The absence of appropriate stable isotope surrogate and internal standards precluded quantitative analyses of some compounds. Specifically, non-target analysis was performed on all samples to determine if a larger set of compounds (identified through suspect screening) were present, along with an estimated concentration for each.
- ***Total Fluorine.*** A state-of-the-art analytical method for Total Fluorine was employed by the University of Notre Dame. The PIGE (Particle Induced Gamma-ray Emission) spectroscopy method has the potential to be a cost-effective method of using total fluorine to guide characterization locations for more expensive analysis for individual PFASs. This analysis was primarily used for groundwater samples but a subset of soil extracts were also analyzed.
- ***Field Parameters, Volatile Organic Compounds (VOCs) + methane***. Groundwater field parameters such as pH, redox, temperature, electrical conductivity, and dissolved oxygen were obtained using a YSI probe (or similar) in the field and recorded on designated field forms. VOCs via EPA Method 8260B were analyzed in a subset of groundwater samples by a commercial lab, and a subset of groundwater samples were analyzed for methane via EPA Method RSK-175.
- ***Fraction of Organic Carbon and Cation Exchange Capacity***. Total organic carbon via EPA Method 9060A were analyzed in a subset of soil samples by a commercial lab. Cation exchange capacity via EPA Method 9081 were also analyzed in a subset of soil samples by a commercial lab.

E.4 OVERVIEW OF RESULTS

The following graphical representations of the Conceptual Site Models for the three field sites were based on data collected during this project.

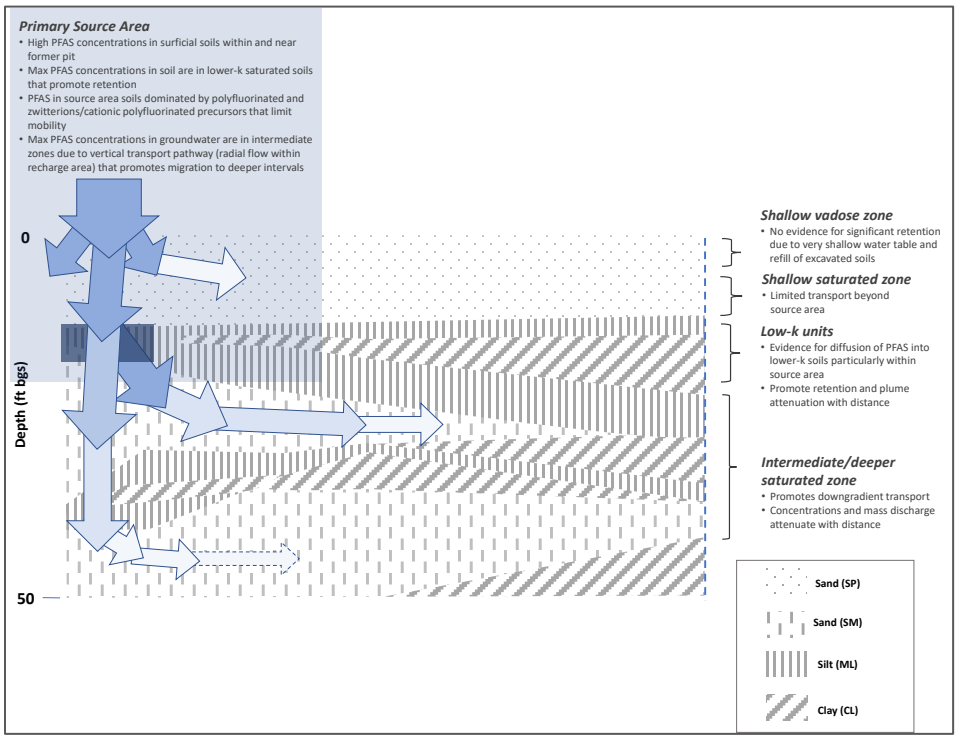


Figure E-1. Conceptual Site Model for NAS Jacksonville Site. *Shows representative cross section (A-A'; approximatley 920 ft), with groundater flow direction from left to right (northeasterly).*

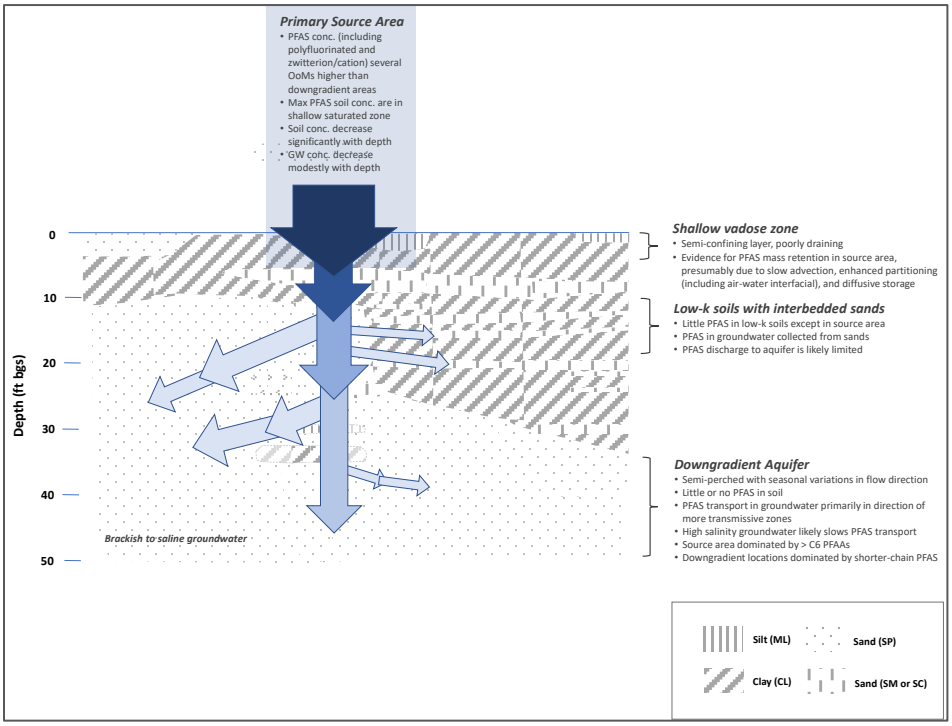


Figure E-2. Conceptual Site Model for PFAS Source and Fate and Transport at Pt. Mugu. *Shows representative cross section (A-A'; approximatley 3400 ft), with groundater flow direction varying seasonally from southwesterly (right to left) to northeasterly (left to right).*

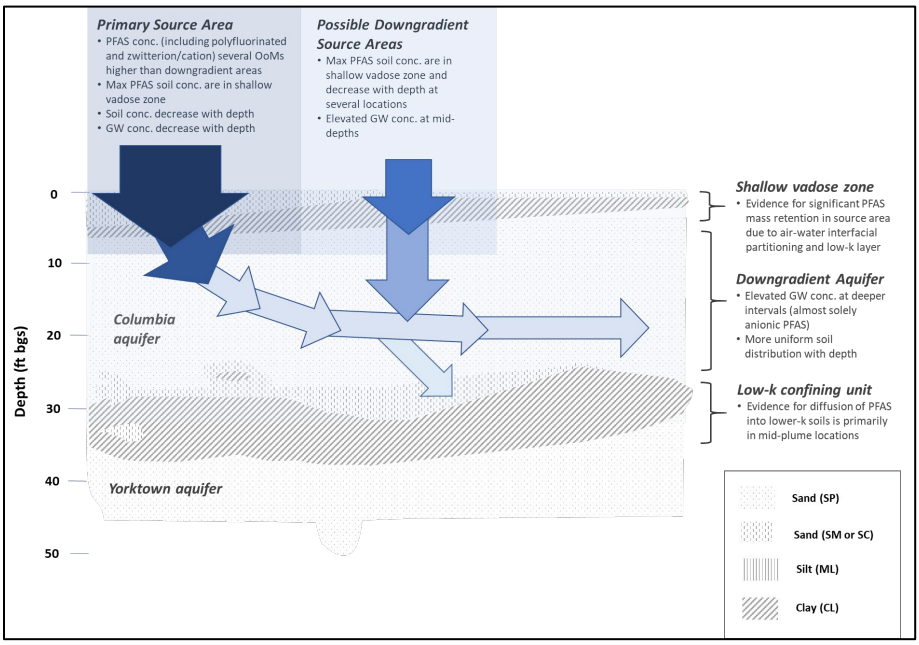


Figure E-3. Conceptual Site Model for PFAS Source and Fate and Transport at NALF Fentress. *Shows representative cross section (A-A'; approximatley 1480 ft), with groundater flow direction from left to right (easterly).*

E.5 PERFORMANCE ASSESSMENT

Presence of Source Zones

The project objective of high-resolution spatial characterization of PFAS was completed, with the overall goal of establishing the PFAS distribution and compositional differences associated with the source zone vs. downgradient locations.

Site 1: NAS Jacksonville, FL

A representative average carbon chain length for all PFAS at each location was estimated by weighting the concentration of individual PFAS. As expected, the PFAS chain length generally decreased with distance from the source due to preferential sorption (retardation) of longer-chain compounds, but these chain length differences could not be established as statistically significant. In part, this reflects the relatively narrow range of representative carbon chain lengths at these site locations (all were between 5.8 and 6.8). The concentrations of zwitterionic/cationic PFAS were higher in the source area than at downgradient locations, and this difference was statistically significant ($p=0.01$). These compounds are expected to be more strongly retained within the source area due to favorable electrostatic interactions, and this was confirmed by the data.

In addition, a number of other lines of evidence (discussed in detail in Section 5.7.2) confirmed that the former firefighter training area was serving as the primary PFAS source area, including: 1) highest total PFAS concentrations in both soil and groundwater were found in the immediate vicinity of the former firefighter training area; 2) highest PFAS concentrations in surficial soils were observed within the same general area; 3) relative abundance of PFAS precursors within source area; 4) usage of ECF-based AFFF based on site history and high concentration of PFOS typically at or above expected branching percentage; 5) usage of telomer-based AFFF based on

abundance of fluorotelomer substances and low PFOA branching percentages; and 6) PFAS concentrations decrease rapidly in the direction of groundwater flow.

Site 2: NBVC Pt. Mugu, CA

At this site, the PFAS chain length decreased with distance from the source (firefighter training facility) due to preferential sorption (retardation) of longer-chained compounds, and the difference between source vs. far downgradient locations was statistically significant. The range for these representative carbon chain lengths were between 4.7 and 6.2 at this site. Based on aggregated data, the concentrations of zwitterionic/cationic PFAS were higher in the source area than at downgradient locations, and the results were statistically significant ($p=0.001$). For example, the shallow unsaturated soil sample from location L5 exhibited the highest concentration of zwitterionic/cationic PFAS (1,013 ng/g). In addition, zwitterionic and cationic PFAS were largely absent from site groundwater. When coupled with several other site-specific lines of evidence (discussed in detail in Section 5.7.3), the former firefighter training area was serving as the primary PFAS source area at this site.

Site 3: NALF Fentress

The PFAS chain length generally decreased with distance from the source due to preferential sorption (retardation) of longer-chained compounds, and the shortest representative value (5.86) was observed in the farthest downgradient location. However, these chain length differences could not be established as statistically significant. This site had the highest chain length values within the source and near source area (7.00 – 7.03) of any of the three sites that were investigated as part of this project. The percentage of zwitterionic/cationic PFAS could not be established as higher in the source area than at downgradient locations. In part, this reflects the relatively low concentrations of these charged compounds in downgradient locations, particularly in groundwater. Like the other sites, the highest concentrations of zwitterionic/cationic PFAS were consistently measured in the source area at this site, particularly within shallow soils. However, a distinguishing characteristic at this site was data showing relatively high PFAS concentrations, including zwitterionic/cationic compounds, in shallow soils at mid-plume locations. These results suggest that surface releases and/or runoff of AFFF at downgradient locations may be serving as a secondary source of PFAS to groundwater. Regardless, the preponderance of data indicates the AFFF Storage and Transfer Area was the primary PFAS source area at this site, as detailed in Section 5.7.4

Differentiate AFFF and Non-AFFF Sources

The distributions of PFAS in groundwater and soil from the suspected source area were compared to those in locations where historic AFFF use is not suspected based on the site history. This evaluation provides information on the nature of PFAS sources at DoD sites, as well as concentrations and compounds potentially associated with background PFAS sources (that may impact source and plume delineation efforts).

Site 1: NAS Jacksonville, FL

PCA results demonstrated that PFAS composition in samples from specific source area locations (Location 3) formed a distinct group that was different from those formed by the two background locations (Locations 16 and 17). The presence of zwitterionic/cationic PFAS in the source area

and relative absence of zwitterionic/cationic PFAS in background locations serves as a secondary line of evidence for differentiating between the AFFF source and other diffuse sources. Specifically, this provides further evidence that the PFAS present in these locations derives from a non-AFFF source, potentially through a different application or transport route.

As described in detail in Section 5.7.2, PFAS compositional data and isomer branching patterns are consistent with the use of both ECF-based foams as well as telomer-based foams in the source area. Background locations were dominated by non-PFAAs compounds in both soil and groundwater, and compounds identified during non-target analysis that were unique to the background locations included several longer-chain hydrido-perfluorosulfonates in soil (e.g., H-PFPeDA, H-PFTeDA, H-PFTrDA). The presence of these compounds suggests that other PFAS sources may have contributed to the observed PFAS in the background locations, though a source cannot be readily identified. Compounds that have been proposed to be largely associated with non-AFFF sources such as shorter chain fluorotelomer intermediates that have been proposed to be diagnostic of landfill leachate (e.g., 5:3 FTCA for landfill; MeFOSA and EtFOSA for industrial/commercial products) were generally not detected in soil and groundwater from any location. In addition, the variability in PFAS compositions observed at individual locations or within proximate areas (as reflected in the low amount of variability that could be described by PC1+PC2 during PCA) would complicate assigning the PFAS from background locations to any specific non-AFFF source.

Site 2: NBVC Pt. Mugu

The data collected at this site suggested that the PFAS signatures in samples from the background locations may be different than those in the primary source area. However, the data do not provide strong evidence that the PFAS at these locations would have derived from non-AFFF sources. The PCA results generally showed that data from background locations clustered within a tight confidence interval, although the boundaries still overlapped with those that were based on data from the source area. The two background locations were located cross gradient to groundwater flow but relatively near (800 ft) to the farthest downgradient location. As a result, PFAS from AFFF releases in the firefighter training pits could have been the primary or sole contributor to the observed PFAS in the study area. Background locations were dominated by non-PFAAs compounds in both soil and groundwater, though they were largely similar to those detected in the source area groundwater. Compounds that were unique to the background locations were non-target analytes, including several longer-chain hydrido-perfluorosulfonates in soil (e.g., H-PFPeDA, H-PFTeDA, H-PFTrDA). Like the other sites investigated as part of this project, there was little or no contribution from compounds that are generally considered indicative of non-AFFF PFAS sources (e.g., 5:3 FTCA, MeFOSA, EtFOSA) at these background locations.

The PCA results also established that there was overlap between source area data and the data from near source and both downgradient directions, which supports that these areas represent similar PFAS sources, even accounting for transport-related compositional shifts. There were several other lines of evidence confirming that the former firefighter training area was the primary source of PFAS at this site, including the use of both ECF-based AFFF and telomer-based AFFF.

Site 3: NALF Fentress

At this site, the PCA results showed a clear distinction between specific source area locations and the two background locations, with no overlap in the confidence intervals. These analyses also suggest that the PFAS present in surface soils located downgradient of the AFFF Storage and Transfer Area are also highly similar in composition to those in the primary source area and thus likely associated with AFFF usage. There were several other lines of evidence that indicate usage of both ECF-based AFFF and telomer-based AFFF were the primary sources of PFAS in the source area locations and downgradient, and that these were not directly contributing to PFAS observed in background locations.

PFAS was detected at up to 900 ng/kg and 16,000 ng/L in soil and groundwater samples from the background locations. PFOS was absent in all soil samples and all but one groundwater sample from these locations. Compounds unique to the background locations were detected in groundwater samples but several unique compounds were detected in soil samples (e.g., UPFOS, H-PFPeA). The presence of these compounds suggests that alternative PFAS sources may have contributed to the observed PFAS at background locations, although a source could not be readily identified. No other known or suspected sources of PFAS were reported in site documentation, and compounds indicative of non-AFFF source (e.g., 5:3 FTCA, MeFOSA, EtFOSA) were detected only sporadically and only at trace levels.

PIGE as a Cost-Effective Guidance Tool

PIGE analysis was completed by the University of Notre Dame on the majority of aqueous samples and a subset of soil samples to determine how the total fluorine measurements generated by the method compare to the total PFAS concentrations generated by LC-MS/MS. While the latter method quantifies (targeted compounds) and semi-quantifies (non-targeted compounds) individual PFAS and thus can be used forensically, PIGE has the potential to provide a quick, low-cost option to understand relative PFAS levels at a site, including the sum of targeted and non-targeted compounds. However, contributions from inorganic fluorine may confound results where PFAS concentrations are low.

Site 1: NAS Jacksonville, FL

Using data from 43 aqueous samples, the PIGE results showed that there was a statistically significant relationship with the LC-MS/MS data based on the non-parametric test results, but linear regression yielded an r^2 value (0.57) that was slightly below the selected performance threshold. In part, this was due to non-linear distribution of the data, particularly at the lower-end PFAS concentrations where PIGE appeared to provide less resolution. These data suggest that PIGE provides a reasonable indication of the relative PFAS levels in these groundwater samples but may be better suited as a screening tool to characterizing higher-concentration areas (i.e., source zones).

Site 2: NBVC Pt. Mugu

At this site, there was sufficient data to evaluate correlations between PIGE groundwater data and LC-MS/MS measurements of total PFAS in groundwater as well as in co-located soil samples. In both cases, a statistically significant relationship could be established using the non-parametric test. This is consistent with the expectation that soil and groundwater PFAS concentrations in co-

located samples should be similar, such that PIGE results would demonstrate some similarity to soil result despite the different matrices being analyzed. However, only the groundwater datasets demonstrated a correlation that was strong enough to meet the success criteria ($r^2 > 0.7$ from linear regression). The correlation coefficient between PIGE and soil data was low (0.13), such that the ability to actually predict soil concentration using PIGE appears to be low. There were a number of samples where PIGE did not detect PFAS even though the total PFAS through the higher-resolution techniques was greater than 4000 ng/L in all samples. This was a result of the high limit of quantification for PIGE at this site (approximately 5,000 ng/L) which was influenced by the high ionic strength of the groundwater. These data provide confirmation that PIGE is likely better suited for source area characterization efforts at sites where the water is not highly saline.

Site 3: NALF Fentress

A statistically significant relationship between the PIGE groundwater data and the LC-MS/MS groundwater was established at this site using Spearman's Correlation test. Linear regression also resulted in a high r^2 value that met the success criterion. In addition, there were no false negatives using PIGE. At this site, the correlation in lower-end range of concentrations (1000 to 100,000 ng/L) was relatively strong and likely to provide more predictive value than the higher-end range of concentrations. This is because one PIGE-based measurement was several orders of magnitude higher than any other measurements, such that it may not be representative. Regardless, the correlation was reasonable within a concentration range that might be expected within a source area.

Evidence of Natural Attenuation

PFAS compositional data were generated, and spatial patterns were used to provide both qualitative and quantitative evidence for active natural attenuation mechanisms at the site. This includes retardation due to sorption, as well as biodegradation and transformation of polyfluorinated precursors.

Site 1: NAS Jacksonville, FL

Soil adsorption coefficients and retardation factors were calculated for key PFAAs using co-located soil and groundwater data. Overall, values of K_d varied significantly with distance, both with depth and distance downgradient. Additionally, K_d values generally increased with increasing PFAS chain length and were higher for PFSAs than PFCAs, as expected. Retardation factors by soil type were between 1.7 and 10.4, and even shorter-chain PFAAs like PFBA and PFBS exhibited values that were consistently above 2.0. For most PFAAs, a positive correlation between K_d and organic carbon could be established, indicating the importance of hydrophobic sorption as a mechanism for retardation. Little effect was observed for pH or EC, suggesting that partitioning due to electrostatic interactions may have been limited relative to hydrophobic sorption at this site. In contrast to the expected inverse relationship, cation exchange capacity (CEC) was positively correlated with K_d, but this is likely due to the increased organic carbon associated with soils with higher CEC.

The relevance of various retention mechanisms was established at this site, including the higher contribution of less mobile cationic/zwitterionic species to the total PFAS measured in the source area relative to downgradient areas. Matrix diffusion was also confirmed to be a key process at

this site, with high concentrations of PFAS present in soils with relatively limited permeability. This contributed to decreases in the PFAS mass discharge with distance from the source.

Confirmation that precursor transformation was occurring at this site was based on several lines of evidence, including trends in the percentage of PFAA end-products relative to other PFAS, with the assumption that the latter group represents all potential precursors. If biodegradation of precursors was occurring, the percentage of PFAA end-products would be expected to increase moving downgradient from the source area, which was observed. The percentage of degradation end-products (i.e., PFAAs) relative to precursors is higher in the groundwater samples from downgradient locations relative to both groundwater and soil samples from the source area. Additionally, suspected biodegradation intermediates (e.g., Spr-FHxSA) have been identified in downgradient samples that are absent from source area samples. There are several other lines of evidence for biodegradation, including the identification of specific biodegradation intermediates and high concentrations of intermediates (e.g., fluorotelomer sulfonates) that are not known to be present in large quantities in AFFF sources.

Note that the dataset from this site was part of parallel study that performed a PFAS mass balance across the site (Adamson et al., 2020). That evaluation established that PFAS precursors were being converted to PFAAs at an annual rate of 2% or less, and that the relative contribution from precursors on a mass basis was decreasing with distance from the source.

Site 2: NBVC Pt. Mugu

Soil adsorption coefficients and retardation factors were calculated for key PFAAs. As expected, K_d values generally increased with increasing PFAS chain length and were higher for PFSAs than PFCAs. Retardation factors ranged from 1.7 to 46 for the various PFAS, confirming significant retardation relative to the seepage velocity for groundwater at the site. Soil adsorption was generally greater in sands (SP) as compared to clays (CL) for the key PFAAs, presumably due to the lower CEC of these soils. This trend indicated that electrostatic forces were a significant factor contributing to the adsorption onto sands compared to hydrophobic forces. Similarly, trends of f_{oc} and other anions detected in groundwater (e.g., chloride, fluoride, sulfate), indicated that groundwater collected in clayey soils typically had significantly higher concentrations of other anions, despite these soils also having greater f_{oc} values as compared to sands. As such, the high salinity of this site likely influenced adsorption due to electrostatic processes. It should be noted that only a limited number of groundwater samples from clayey soils could be obtained.

The high salinity and the abundance of lower-permeability soils apparently contributed to significant attenuation of PFAS concentrations that were observed with distance from the source area. In addition, the relatively high concentrations in shallow unsaturated soils provided evidence for vadose zone retention due to air-water interfacial sorption. Despite these factors, total PFAS concentration remain well above 1000 ng/L across the site.

Site 3: NALF Fentress

Like the other two sites, retardation factors for key PFAAs estimated at this site generally increased with increasing chain length and were greater for PFSAs than PFCAs. One exception was an anomalously high R of 48 for PFPeA in sands. The retardation factors for the remaining compounds ranged from 1.8 to 18. Given that these estimates are based on a relatively limited

number of co-located samples where compounds were detected in both matrices (soil and groundwater), some anomalous values can be expected. At this site, the limited number of K_d values meant it was not possible to establish correlations with other site characteristics such as soil organic carbon. The K_d values for sands were generally higher than those for clays despite the higher f_{oc} values for the latter soil type. While the dataset is small, this suggests that electrostatic interactions are playing a major role in the observed partitioning patterns. The retardation factors also indicate that the PFAAs are moving at a slower rate than site groundwater. In particular, retention within the vadose zone due to air-water interfacial partitioning was evident based on vertical profiling that showed that PFAS concentrations decreased significantly between shallow unsaturated soils and the top of the saturated zone.

The compositional data also support the assumption that in situ transformation of PFAS has occurred at this site. Several suspected transformation intermediates (e.g., fluorotelomer sulfonates, FHxSA) were observed at increasing relative concentrations moving away from the source. In contrast, precursors to these intermediates were detected primarily in the source area. The source area location with the highest total PFAS concentrations also had the highest precursor concentrations, including three unsaturated soil samples that exhibited the highest precursor concentrations measured across the site. The majority of these precursors were anionic, but their relative abundance in the source area is consistent with retention in the vadose zone due to air-water interfacial partitioning, along with slow transformation to other intermediates and PFAAs that may be more readily transported.

E.6 COST ASSESSMENT

The costs of implementing this technology are a function of the level of characterization performed at a site. The key cost drivers are the number of locations characterized per site, and the number of soil and groundwater samples collected per location. For example, this demonstration included high-resolution characterization at up to 11 locations per site. For a site with unconsolidated water-bearing unit that could be characterized using direct push methods (e.g., total depth < 40 ft bgs), it is estimated that collecting 60 depth-discrete groundwater samples and 120 soil samples would provide sufficient resolution. Costs for this type of effort would be on the order of $350,000. This cost estimate assumes that analysis would be performed by a commercial lab and necessitate the use of an assay to measure precursors and other non-targeted PFAS such as TOF or TOP if non-target MS analysis is not possible.

E.7 IMPLEMENTATION ISSUES

Methods for obtaining samples are relatively conventional and unlikely to be subject to additional regulatory oversight or permitting other than those associated with standard site investigations. Investigation-derived waste disposal may require special attention to account for the presence of PFAS. In this project, academic research labs provided innovative high-resolution analytical capabilities for both soil and groundwater. This included analysis of a large suite of PFAS (including non-target analytes) that are otherwise not commercially available at this time. To evaluate this large suite of analytes at a generic site, a research lab would need to be identified that could provide a similar level of high-resolution data capabilities, although it is anticipated that commercial laboratories would also be able to provide this service in the near future. In lieu of this, an assay measuring total organofluorine such as TOF, or an estimate of total oxidizable

precursors (TOP) can provide an estimation of the total PFAS mass at a site. Since none of these methods – high resolution (including non-targeted analytes) LC-MS/MS (or LC-QTOF/MS), TOF or TOP - is currently a method available from any NELAP-accredited laboratory, the use of such non-accredited methods is currently in the realm of research projects only. Further, high resolution MS analytical methods are currently costly to implement, particularly for a large amount of soil and groundwater samples. DoD Environmental Restoration projects use methods that have been approved by USEPA and that meet DoD QSM requirements (and are provided by NELAP-accredited laboratories) meaning that analyses would be performed by commercial labs with the more limited, targeted, analyte list. Consequently, some loss in data resolution should be expected when using only standard methods. Therefore, this approach may be of greatest value where data collection can be considered a research effort until such time standard methods are published and offered as NELAP-accredited laboratory methods for targeted compounds for which standards are readily available. Finally, PIGE analysis has high quantitation limits in the configuration used in this project, especially in areas where the water composition indicates high TDS or salinity. This may be a shortcoming with respect to the application of PIGE with variable geochemical composition, though as PIGE sample preparation methods are refined these limitations can likely be overcome.

1.0 INTRODUCTION

This Final Report summarizes the approach and results of project ER-201633 *The Characterization and Nature of Per- and Polyfluoroalkyl Substances (PFAS) in Environmental Media at DoD Site for Informed Decision-Making*. This project was performed in collaboration with Environmental Security Technology Certification Program (ESTCP) and the Naval Facilities Engineering Command (NAVFAC), along with GSI Environmental Inc. (GSI), Oregon State University (OSU), Colorado School of Mines (CSM), and University of Notre Dame (UND).

1.1 BACKGROUND

Per- and polyfluoroalkyl substances (PFAS) are anthropogenic chemicals that contain highly fluorinated carbon chains. The carbon-fluorine bond is among the strongest known chemical bonds, which confers an unusually high degree of stability to PFAS. This stability, along with some unusual chemical properties (such as being both hydrophobic – water repelling, and oleophobic – oil repelling) makes PFASs uniquely suited for a wide variety of applications, including textile water and stain repellants, non-stick coatings, and aqueous film forming foam (AFFF) used for fighting hydrocarbon-based fuel fires (Class B fires). Their widespread use in industrial processes and products, as well as consumer products, has made them ubiquitous throughout the world, including human blood, tissue, and breast milk. Due to their stability, perfluorinated forms persist for long times in the environment, and the longer-chain forms (e.g., C8) can bioaccumulate in animals.

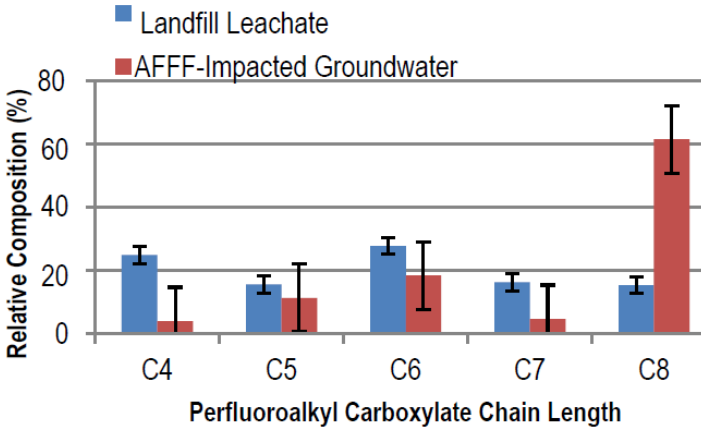


Figure 1-1. Similar distributions of C4-C8 perfluoroalkyl carboxylates in landfill leachates and AFFF-impacted groundwater.

Because of their ubiquity, persistence, and potential toxicity, some PFAS are designated as emerging chemicals by the Department of Defense (DoD). Historically, the DoD regularly trained with PFAS-based AFFF in fire-fighter training exercises and used PFAS to extinguish fires. This practice resulted in releases of PFAS to the environment and levels of PFOA and PFOS in groundwater that, in some cases, exceed the United States Environmental Agency's health advisory levels (70 ng/L combined) by several orders of magnitude. Further, because of their persistence and widespread use in other applications, PFASs have "background" concentrations in most environmental media and biological tissues, in both urban and remote areas (Ahrens, 2011; Brusseau et al., 2020). This complicates the determination of AFFF-based PFAS plume boundaries, particularly as other point sources of PFASs (i.e., landfills, wastewater treatment plants, etc.) are often in close proximity to many DoD installations. Finally, because some PFAS are very mobile, while others are considerably less mobile, there is the potential for continual release from source zones, an issue that has not, to date,

been adequately addressed for AFFF-impacted sites: if such source areas contribute to plumes, it is necessary to identify and remediate these areas as well as to identify mitigation strategies for plumes that emanate from these source areas.

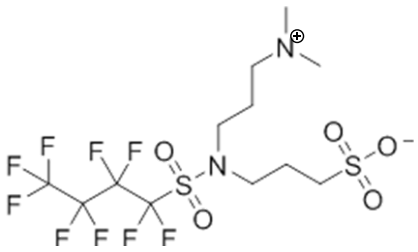


Figure 1-2. Zwitterionic polyfluorinated substances found in NAS Jacksonville groundwater.

For the purposes of characterizing or "fingerprinting" sources of PFAS impacts, a broader suite of PFAS analytes must be analyzed, including those that are unique to AFFF. Identification of additional PFASs when combined with what is currently known about aerobic (Yamada et al., 2005; Zhang et al., 2020) and anaerobic (Yi et al., 2014) transformation pathways will further elucidate the nature and extent of PFAS, thus leading to a more comprehensive management approach at DoD sites.

An early (pre-project) application of these analytical tools to groundwater from NAS Jacksonville revealed a zwitterionic substance that can only be attributed to 3M AFFFs (Figure 1-2): these chemicals are not likely to be derived from other PFAS sources (i.e., landfill leachate). Despite a molecular weight exceeding that of PFOS or PFOA, zwitterionic chemicals are likely to be readily transported due to the anionic moieties that impart water solubility. In addition, GAC systems optimized for PFOA and PFOS removal would not necessarily effectively capture this zwitterionic chemical due to its significantly greater water solubility. Understanding the chemical nature of the highly water-soluble PFASs in groundwater is essential for designing effective systems for treating potential drinking water sources for base and civilian populations.

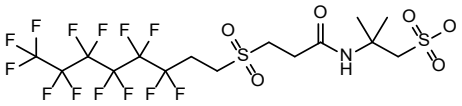


Figure 1-3. Biodegradation intermediate of polyfluorinated substance in Ansul AFFF (oxidized sulfoxide - center S atom) in NAS Jacksonville groundwater.

A potential transformation product (Figure 1-3) (Harding-Marjanovic et al., 2015) of the active ingredient in Ansul AFFF also was found in NAS Jacksonville groundwater. The presence of this chemical form may signal that *in situ* transformation is occurring. When combined with firefighter-training records and site hydrology, documenting the spatial trends in biodegradation intermediates will assist in determining the extent to which conversion of PFAS to terminal perfluorinated species has already occurred and to estimate rates. Transformation rates are critical to estimate how long PFAS residues will persist at sites. The chemical forms shown in Figures 1-2 and 1-3 are examples of the polyfluorinated compounds that can account for part of the missing mass identified by higher-resolution analytical methods. Monitoring for only a small fraction of known PFAS may lead to inaccurate Conceptual Site Models and misidentification of sources.

1.2 OBJECTIVE OF THE DEMONSTRATION

The overall goal of the project was to gain an overview of the PFAS problem within a "typical" DoD site and to perform detailed, systematic investigations on the nature and extent of PFAS impacts at three sites for the purpose of developing an improved general Conceptual Site Models and risk guidance that DoD site managers can use to develop cost-effective PFAS management

strategies across the entire DoD complex. In part, this project also aimed to provide verification of PFAS fate and transport processes that have been increasingly documented in controlled lab settings but have yet to be comprehensively investigated at field scale.

To achieve these goals, the following technical objectives were addressed:

1) To conduct state-of-the art, high-spatial resolution sampling at three DoD firefighter-training areas, or areas where AFFF was known to have been used in quantity, and to apply state-of-the-art analytical techniques for the determination of total fluorine in groundwater and individual PFAS in soil, sediment, groundwater, and surface water.

2) To conduct in-depth spatial analysis of data on total fluorine and individual PFAS to delineate plume boundaries, identify source zones, differentiate sources, and to estimate field retardation factors and in-situ transformation rates.

The primary tasks that were performed to meet the objectives of the project, as follows:

- Task 1: Development of an overall Demonstration Plan (as well as site-specific plans) by leads from NAVFAC and GSI;

- Task 2: Detailed field investigations were conducted by GSI, with lab analyses performed by Colorado School of Mines, University of Notre Dame, Oregon State University, and a commercial laboratory.

- Task 3: Data analysis, interpretation, and development of PFAS conceptual models by the entire team.

- Task 4: Reporting and technology transition.

1.3 REGULATORY DRIVERS

The United States Environmental Protection Agency (US EPA) in May 2016 set a non-enforceable health advisory level (HAL) of 70 ng/L for the sum of PFOA and PFOS. While there has been increased focus on developing enforceable federal standards based on regulatory determinations, there are no existing federal regulations enforced by the US EPA for PFAS as of the date of this report. Regardless, the introduction of the HAL has led to individual states to take regulatory actions by initiating or establishing health guidelines to address the emerging issue of PFAS prevalence in drinking water (ITRC 2020). Significant DoD-funded PFAS research and PFAS assessment work at DoD facilities was already underway by the time the US EPA HAL was issued, with the understanding that focused research would aid future characterization efforts (Leeson et al., 2021).

On February 20, 2020, the US EPA proposed a preliminary regulatory determination for PFOA and PFOS (US EPA 2020). On February 22, 2021, the US EPA issued Final Regulatory Determinations for PFOS and PFOA under the Safe Drinking Water Act (SDWA) (US EPA, 2021). This implied that the Agency is deciding whether to start the process to propose and promulgate a national primary drinking water regulation for an unregulated chemical. In addition to issuing the final regulatory determinations for PFOA and PFOS, the EPA also reissued

a proposed rule to address 29 PFAS in the list of unregulated chemicals under the SDWA's Unregulated Contaminant Monitoring Rule (UCMR 5, US EPA 2021).

In addition to the development/establishment of PFAS regulation, the EPA is currently developing toxicity assessments for other PFAS. On April 8, 2021, the US EPA announced the release of the final Human Health Toxicity Values for PFBS while other PFAS such as PFHxA, PFHxS, PFNA, PFDA and HFPO-DA (GenX chemicals) are undergoing toxicity assessment.

Federal and state regulations, public concern, and the prevalence of PFAS in drinking water, groundwater, wastewater, and surface water sources are key drivers for assessment and remediation of PFAS impacts and development of innovative technologies for treatment.

2.0 TECHNOLOGY

2.1 TECHNOLOGY DESCRIPTION

For Task 2, detailed field investigations were conducted at three sites selected from a review of available site data of Navy sites with known PFAS presence in the environment: i) NAS Jacksonville, FL; ii) NBVC Pt. Mugu, CA; and iii) NALF Fentress, VA. Consideration was given to sites that appeared to offer the most potential to delineate plumes, identify source areas, differentiate sources, evaluate PFAS transport and potential transformation, and evaluate surface water impacts if possible.

State-of-the-art analytical methods for total fluorine (Notre Dame) and individual PFAS by liquid chromatography tandem mass spectrometry (LC-MS/MS) (Colorado School of Mines, CSM and Oregon State University, OSU) were applied to demonstrate the cost-effectiveness of total fluorine for guiding well drilling and for prioritizing field samples for LC-MS/MS analysis for individual PFAS. The PIGE (Particle Induced Gamma-ray Emission) spectroscopy method was used by the University of Notre Dame research group to screen all groundwater and surface water samples for total fluorine. High-spatial resolution characterization of the PFAS in soil and groundwater provided a unique dataset on the nature and extent of PFAS impacts at "typical" AFFF-impacted sites (Objective 2).

2.2 TECHNOLOGY DEVELOPMENT

Most published information on AFFF-impacted site characterization efforts have involved a relatively limited scope that focused on a small subset of PFASs. High resolution mass spectrometry (HRMS), specifically liquid chromatography Quadrupole Time of Flight Mass Spectrometry (LC-QTOF-MS), is a valuable method that can provide data on a broader suite of PFAS. This includes semi-quantitative approaches for individual PFAS that do not have commercial standards and PFAS that can be ionized by positive mode electrospray ionization (ESI+). These approaches should help improve quantitative assessments of these compounds' contribution to the total environmental PFAS load (McDonough et al., 2019). In addition, bulk methods for assessing total PFAS have begun to be tested to determine if they provide adequate data for field characterization purposes. This includes total fluorine by particle induced gamma ray emission (PIGE) spectroscopy, which has been used to assess the potential presence of PFAS in a variety of matrices (Ritter et al., 2017).

As noted above, existing site characterization performed to date have included perfluoroalkyl acids (PFAAs) and possibly a few additional fluorotelomer sulfonates, carboxylates, and anionic precursors such as FOSA. Studies that include zwitterions and cations are limited. For example, Mejia-Avendaño el al. (2017) included some cations and zwitterions in analysis of soils from a relatively small number of sampling locations (n=5) that were subjected to a single fluorotelomer AFFF input. Firefighter training areas are subjected to AFFF releases of various formulations over decades-long timeframes. In addition, site characterization data are typically limited to a single matrix (e.g., groundwater) and do not always provide adequate spatial resolution to assess trends with depth or lateral transport. Soils can act as long-term source inputs of PFASs into groundwater, and thus represent an important compartment for understanding source distribution and transport potential.

PFAS fate and transport is a function of site-specific characteristics and release scenarios, but it is also strongly influenced by the wide-ranging physical chemical properties within this class of compounds. One distinguishing characteristic of AFFF-based source areas is that relatively high volumes of PFAS are periodically released at the ground surface compared to other type of PFAS releases. In these cases, the primary influences are the slow rates of advection that occur within the subsurface (relative to surface water or the atmosphere) and the important interactions between PFAS, soil particles, and the air/water present in the pore spaces of the unsaturated and saturated zones. This includes partitioning of PFAS to the air-water interfaces due to the surfactant properties of PFAS, hydrophobic sorption of PFAS to natural organic carbon within soils, and electrostatic interactions between soil particles and PFAS functional groups with varying charges (Anderson et al., 2019; Schaefer et al., 2019; Higgins and Luthy, 2007; Guelfo and Higgins, 2013; Li et al., 2018; Mejia-Avendano et al., 2020; Hellsing et al., 2016; Pereira et al., 2018; Barzen-Hanson et al., 2017; Xiao et al., 2019).

These processes should promote retention of some PFAS within the area where they are released and retard their rate of migration downgradient. PFAS that would be more subject to retention include various zwitterionic and cationic PFAS that are known to be present in AFFF and serve as polyfluorinated precursors to perfluoroalkyl acids (PFAA) due to their enhanced electrostatic attraction to soil particles that are typically negatively charged. Biotransformation may influence the extent that PFAS are retained by converting these precursors to anionic forms that are likely more mobile and (ultimately) more persistent. As a result, the effect of these fate and transport processes on the distribution of PFAS following AFFF releases has significant implications for site-specific decision making, including understanding short-term and long-term exposure risks and/or priorities for site management (e.g., applicability of Monitored Natural Attenuation, Newell et al., 2021a, 2021b).

Most studies have examined the possible relevance of these processes in lab-scale systems under controlled conditions that cannot capture the complexity of field-scale releases. The field-based studies published to-date have primarily relied on comparing groundwater concentration data (and occasionally soil data) from a few locations. The more comprehensive approach employed during this project is valuable for evaluating trends in concentration, composition, isomeric distributions, and potential transformation of specific PFAS. It also provides a clear picture of PFAS distribution and the relative importance of retention mechanisms, including the quantification of the impact of permeability (e.g., sands vs. clays) within an aquifer, which is possible only with extensive soil data.

2.3 ADVANTAGES AND LIMITATIONS OF THE TECHNOLOGY

The technology couples a detailed site characterization with state-of-the-art analytical methods for quantifying PFAS concentrations. The advantages and limitations of this approach should be evaluated in terms of its ease of use, applicability, and the knowledge gained following implementation. Table 2.1 summarizes the advantages and disadvantages within this context.

Steps to minimize cross-contamination were included in the demonstration design. The demonstration involved a relatively passive technology with minimal potential for short-term site disruption or long-term negative impacts on subsurface conditions.

Table 2-1. Advantages and Potential Limitations of the Technology

Advantages	Limitations
Investigation is minimal in footprint and requires no permanent installations	Collection of high-resolution data can be costly at sites with complex geology or deep impacted media
Increased understanding of chemical fate and transport at a site is provided through co-located soil/groundwater samples along distinct transects	High-resolution data from non-commercial (or non-accredited) labs provides high-value insights but may not be suitable for regulatory purposes
State-of-the-art analytical methods for total fluorine via PIGE method and individual PFAS by liquid chromatography tandem mass spectrometry (LC MS/MS) with QTOF provides data that might otherwise be missed through more conventional analyses	PIGE method is relatively new and limited results exist on relationship between total fluorine vs. individual PFAS
Fingerprinting sources, identify source zones, and estimate retardation factors and transformation rates adds to the growing body of literature on site-specific data	Lack of comprehensive understanding of all site activities as well as lack of accurate background levels may result in overlooking other contributing source areas within a site boundary as well as misrepresentation of a source area as part of input into PCA for fingerprinting purposes, resulting in faulty interpretations

3.0 PERFORMANCE OBJECTIVES

For the purposes of evaluating the cost and performance of the field demonstration, the following performance objectives for this phase were addressed (Table 3.1). A full description of the various components of the approach listed in Table 3.1 is provided in Section 5.0 (Test Design).

Table 3-1. Performance Objectives

Performance Objective	Data Requirements	Success Criteria	Performance Objective Met?
Quantitative			
1 Determine presence of source zone(s)	High-resolution spatial PFAS characterization of soil and groundwater at 3 sites Spatial trends in PFAS composition	Using Wilcoxon rank sum test, demonstrate that 1) median and/or average chain length of source soils are longer than groundwater samples in the downgradient locations; 2) concentrations of cationic and zwitterionic PFAS are higher in the source zone soils compared to soils in the downgradient locations.	**Partially** Statistically significant differences observed in data from 2 of 3 sites Multiple additional lines of evidence obtained to support identification of source area at all 3 sites
2 Differentiate AFFF and non-AFFF sources	Compare groundwater and/or soil PFAS composition to background (upgradient) locations	Cluster analysis and/or PCA show differences between source zone composition and concentrations vs. background locations and/or expected non-AFFF PFAS compositions.	**Partially** Distinct clustering with largely non-overlapping PCA confidence intervals at 2 of 3 sites
3 PIGE as cost-effective guidance tool for drilling and plume footprint	Sum of Individual PFASs by LC-MS/MS and total fluorine measurements by PIGE in groundwater samples	Linear regression of datasets from each site yield $r^2 > 0.70$ Statistically significant relationship between site-specific datasets based on Spearman's Correlation test ($p<0.05$)	**Partially** $r^2 > 0.7$ at 2 of 3 sites Significant positive correlation using Spearman's Correlation test ($p<0.05$) at 3 of 3 sites
Qualitative			
4 Natural attenuation - evidence from retardation factors, PFAS fingerprints, and spatial distributions	Spatial trends in PFAS fingerprint Soil/aquifer properties Hydrogeologic factors (direction and velocity of groundwater flow)	Retardation factors estimated for PFAS (charge, C-length, branching) are consistent with aquifer properties and physical-chemical properties Lines of evidence that attenuation mechanisms (e.g., retardation) are relevant (e.g., PFAS concentrations decrease with distance) Lines of evidence that PFAS transformation mechanisms are relevant (e.g., PFAS identified as biodegradation intermediates are present, shift in precursor/PFAA contributions with distance, favorable field conditions).	**Yes** Retardation factors followed expected patterns Multiple additional lines of evidence obtained to support relevance of several different attenuation mechanisms at all 3 sites, including transformation

3.1 PERFORMANCE OBJECTIVE: DETERMINE PRESENCE OF SOURCE ZONES

High resolution spatial characterization of PFAS was conducted to determine the presence of source zones and downgradient impacts.

3.1.1 Data Requirements

The sampling protocol focused on characterizing differences in PFAS fingerprint and mass distribution at source zones vs. mid-plume vs. downgradient locations. A combination of groundwater and soil samples (primarily in source areas) were collected using high-resolution sampling techniques.

Collected samples underwent total fluorine analysis using PIGE spectroscopy by University of Notre Dame and for PFAS fingerprinting by Oregon State University (groundwater and surface water) and Colorado School of Mines (soil). Conventional geochemical parameter analyses were also performed to provide context for the interpretation of PFAS spatial distributions and fingerprints via a commercial laboratory and field measurements.

3.1.2 Success Criteria

Using Wilcoxon Rank Sum test, the median PFAS chain length of samples from source area should be longer than groundwater samples in the downgradient locations. Additionally, the proportion of cationic and zwitterionic PFAS should be higher in the source zone samples compared to samples in the downgradient locations.

3.1.3 Outcome

The success criteria for this performance objective were partially achieved.

At all three sites, the representative PFAS chain length (after weighting by concentration) was higher in the source area groundwater samples than in downgradient samples. However, this difference was statistically significant at only 1 of the 3 sites (Pt Mugu).

At all three sites, the concentrations of zwitterionic/cationic PFAS were higher in the source area than at downgradient locations, and the results were statistically significant ($p<0.05$) for 2 sites out of 3 (NAS Jacksonville and Pt. Mugu).

3.2 PERFORMANCE OBJECTIVE: DIFFERENTIATE AFFF AND NON-AFFF SOURCES

PFAS compositional data from the high-resolution characterization, along with site-specific fate and transport information, was used to differentiate between PFAS related to AFFF usage at the suspected source area and PFAS at locations outside of the expected source area that could be related to non-AFFF sources.

3.2.1 Data Requirements

At each site, distributions of PFASs in groundwater and soil sampling locations were compared to PFAS distributions in background (upgradient) locations.

3.2.2 Success Criteria

This performance objective was considered achieved if statistically significant differences between source area PFAS concentrations/composition profiles and those from background locations could be established using one or more statistical methods (e.g., Principal Component Analysis [PCA]).

3.2.3 Outcome

The success criteria for this performance objective were partially achieved.

At 2 of the 3 sites (NAS Jacksonville, Fentress), a clear distinction between samples from background locations and the source area could be obtained. This included statistically significant differences (clustering with different confidence intervals) during PCA, as well as the presence of multiple compounds that were unique to the source area locations and/or background locations. Filtering data to reduce the number of analytes and/or locations generally improved the ability to distinguish between samples from different areas.

At 1 of the 3 sites (Pt Mugu), the PFAS compositional data from the background locations was only slightly distinguishable from the source area locations. At this site, the data from background locations clustered tightly during PCA, but the confidence interval overlapped with those associated with other locations.

Collectively, these analyses supported other site data that suggest that the PFAS detected at the background locations at these sites are likely unrelated to the releases associated with the primary source areas (where AFFF was known to have been released). As such, the PFAS at these background locations may have come from non-AFFF sources, although an alternative source could not be identified due to the lack of distinguishing compounds and the variability in the datasets.

3.3 PERFORMANCE OBJECTIVE: PIGE AS TOOL FOR PFAS SITE CHARACTERIZATION

PIGE analysis (conducted by University of Notre Dame) was conducted on all groundwater and samples obtained in the field as a cost-effective method for measuring bulk PFAS and as a possible supplement and/or alternative to higher-resolution methods.

3.3.1 Data Requirements

Groundwater samples obtained during the sampling program were analyzed for individual PFASs by LC-MS/MS, as well as total fluorine measurements by PIGE.

3.3.2 Success Criteria

This performance objective will meet success criteria if groundwater sample concentrations from PIGE correlate with LC-MS/MS measurements with an r^2 of 0.7 based on linear regression. This was evaluated individually for each site. A secondary criterion was based on establishing a statistically significant positive correlation between the two datasets using a non-parametric test (Spearman's Correlation; $p<0.05$).

3.3.3 Outcome

The success criteria for this performance objective were partially achieved.

At 2 of the 3 sites (Pt. Mugu with $r^2 = 0.98$; Fentress with $r^2 = 0.98$), the r^2 values for regression of the PIGE and LC-MS/MS data met the target threshold. The r^2 value for the remaining site (NAS Jacksonville with $r^2 = 0.57$) did not meet this threshold.

At all three sites, a statistically significant relationship could be established between the PIGE groundwater data and the LC-MS/MS groundwater data using Spearman's Correlation test (non-parametric).

3.4 PERFORMANCE OBJECTIVE: NATURAL ATTENUATION EVIDENCE FROM RETARDATION FACTORS, PFAS FINGERPRINTS, AND SPATIAL DISTRIBUTIONS

3.4.1 Data Requirements

Spatial trends in PFAS composition and site properties as well as hydrogeologic factors (direction and velocity of groundwater flow) were evaluated to determine transport parameters such as retardation factors and patterns in spatial distributions of PFASs to identify relevant degradation pathways.

3.4.2 Success Criteria

The primary success criteria were based on: 1) determining that retardation factors for individual PFASs are consistent with aquifer properties and physical-chemical properties (functional groups, ionic charge, C-length, branching); 2) documenting one or more lines of evidence that attenuation and biodegradation pathways for PFAS are occurring at individual sites.

3.4.3 Outcome

The success criteria for this qualitative performance objective were achieved.

Retardation factors were estimated for a variety of individual PFAS at all three sites using Kd values estimated from co-located soil and groundwater samples, and these followed the expected relationships with respect to carbon chain length (longer-chain PFAS had higher R values than shorter-chain PFAS), functional group (PFSAs exhibited higher R values than PFCAs). R values were consistently higher than 2 for all PFAS that could be evaluated.

In addition, the apparent Kd values showed a relatively strong positive correlation with the organic carbon content, as well as a strong negative correlation with CEC (presumably due to the higher organic carbon in the high CEC soils) at one site (NAS Jacksonville). However, apparent Kd and R values were often higher in sandy soils than in clayey soils, reflecting the complex influences of soil type on various retention mechanism.

Multiple lines of evidence supported that retention-based attenuation was occurring at all three sites, including electrostatic attraction, hydrophobic sorption, matrix diffusion (particularly at NAS Jacksonville), and air-water interfacial sorption (particularly at Fentress).

Evidence for PFAS transformation was also obtained at all three sites, specifically through spatial patterns in particular compounds. These trends were used to develop possible transformation pathways involving specific precursors, intermediates, and presumed end-products. At all sites, the contribution of precursors to the total PFAS concentration decreased with distance from the primary source area.

4.0 SITE DESCRIPTION

Three sites were selected for this demonstration project, namely Naval Air Station (NAS) Jacksonville in Florida, NBVC Pt Mugu in California, and NALF Fentress in Virginia. AFFF was used at all three sites for firefighter training activities. As such, these sites likely contain PFASs in both the source zone and downgradient environmental media. Other AFFF sources, known and unknown, are also present as a result of use in emergency response, spills, equipment washout and wastewater treatment, among others. The following sections provide a site history, hydrogeological characteristics, and extent of known PFAS impacts.

4.1 SITE 1: NAS JACKSONVILLE, FL

4.1.1 Site History and Location

Naval Air Station (NAS) Jacksonville is a large site located within the city limits of Jacksonville, Florida with at least eight operable units (OUs) that are part of extensive investigation and cleanup efforts under Superfund. The area being investigated as part of this ESTCP project is part of OU-2 and is designated the "Petroleum Contaminated Area" 15 Fire Fighting Training Facility (PCA 15) FFTF). This area is located in the northern part of the facility, north and west of the primary flight line. It lies immediately east of a golf course and immediately north of the wastewater treatment facility for the base. The area contains few structures or roads and is not heavily trafficked (Figure 4-1).

Firefighting training occurred within this area between approximately 1968 to 1991. Activities were largely performed within a shallow unlined pit approximately 120 ft in diameter. Vehicles and other large equipment were set afire using JP-5, gasoline, and/or waste oil, and then foams were used to train personnel on proper firefighting techniques. It has been estimated that 6000 gallons per year of fuel were used during this 25-year training period, but the amount of foam used has not been reported.

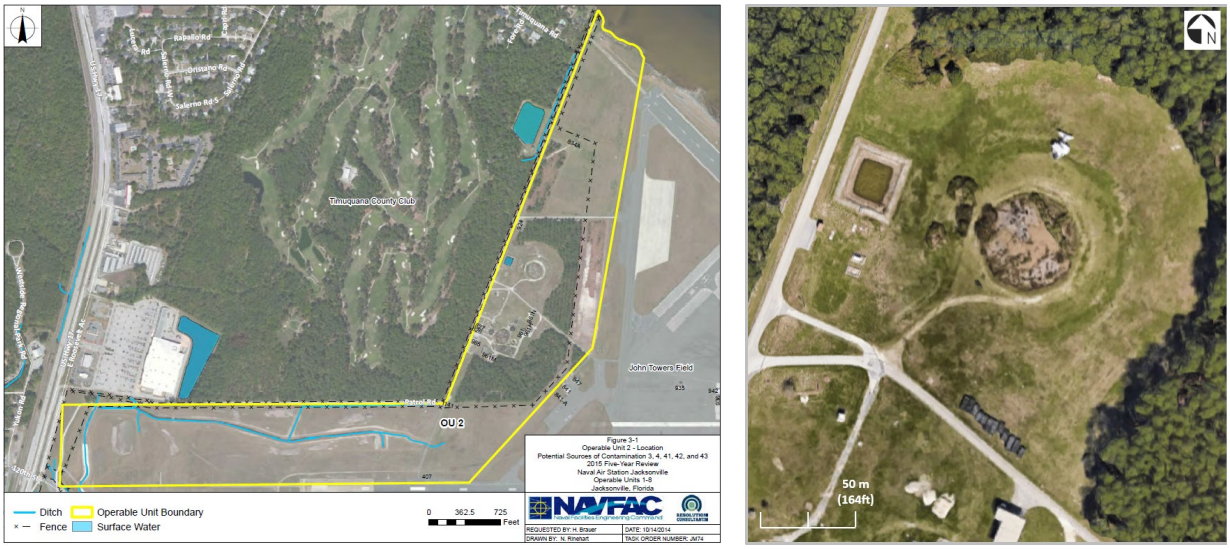


Figure 4-1. Operable Unit 2 (Left Panel) and Former Fire Fighting Training Facility (Right Panel) at NAS Jacksonville (source: CH2M, 2016).

Environmental characterizations began in 1983 with an Initial Assessment Study that identified the FFTF as a potential source of fuel impacts. Petroleum-impacted soil and free product were identified in 1994 and attributed to firefighting training activities. The Interim Record of Decision for OU-2 in 1994 mandated an Interim Remedial Action for the FFTF that was also completed in 1994. This action consisted of the collection and off-site disposal of free-product, as well as the excavation of approximately 2,400 cubic yards of petroleum-impacted soils. These excavated soils were processed through a mobile low-temperature thermal desorption treatment unit. After treatment, this soil was then used to backfill the former FFTF pit. There is no reason to believe significant removal of PFAS occurred in the low-temperature thermal desorption unit.

Characterization in 1998 (as part of a follow-up Remedial Investigation) encountered free product in several groundwater monitoring wells within the site and identified what was described as a "small" BTEX plume. In 1999, a Remedial Action Plan (RAP) for the site listed air sparging/soil vapor extraction (AS/SVE) as the preferred remedial alternative. The AS system became active in 2001, but the SVE system was never constructed. Active free-product removal was performed in monitoring well FFF-MW-13 in 2002 through 2005. Operation of the AS system operation was halted in 2004 following FDEP approval; site personnel reported that the above-ground components of the AS system were removed in 2013 (the below-ground components remain in place). The current remedy for managing the site (now that all other active measures have been discontinued) is monitored natural attenuation.

4.1.2 Geology and Hydrogeology

Information on the site geology and hydrogeology at PCA 15 FFTF were not available as part of the initial site selection process. However, the stratigraphy was generally considered to be similar to that encountered at nearby OU3, which has been extensively characterized and reported. Consequently, the following description is based primarily on known conditions at OU3, with site-specific information on PCA 15 FFTF included when available.

The soils underlying the site are part of Coastal Plain marine sediments, although surface soils have been extensively modified and there are extensive areas where fill was used, especially in previously low-lying areas. As a result, surface topography is relatively flat. Below the surface fill, interbedded layers of sand, clayey sand, sandy clay, and clay are encountered to depths of approximately 150 ft bgs. Each of these layers is somewhat discontinuous and not encountered at all locations, but the upper soil intervals are generally dominated by sands. Laterally extensive clays have been encountered at depths of 10 to 20 ft bgs and range in thickness between 2 and 10 ft. In some portions of the site, the clay is often present as two smaller lenses, separated by thin sublayers of sandier soils. When present, the clayey sands are either interbedded in the clay or present in transitional zones between the upper sands and clay.

The deposits form a surficial aquifer unit that consists of two different layers: 1) unconfined upper sand layer that extends from the surface to the depth of the clay (approximately 10 to 20 ft bgs); and 2) an intermediate sand layer that is confined by the clay. The total thickness of the surficial aquifer (upper plus intermediate layers) is generally considered to be 30 to 100 ft (USGS, 2000). At PCA 15 FFTF, most wells are screened in the upper layer (typically between 4 and 14 ft) but two are screened in the intermediate layer (between 30 and 35 ft) below the typical depth of where clay is encountered at nearby OU3.

The most recent water level survey at PCA 15 FFTF shows that groundwater in the surficial aquifer generally flows in an E/SE direction. However, there is also evidence that the groundwater flow direction is highly variable at the site, in part due to relatively mild gradients (see below). The 2014 groundwater monitoring report for PCA 15 FFTF states that flow has been to the E/SE for the past several annual monitoring events, but that "sampling events at the site prior to that time have indicated that groundwater flow in the shallow zone was to the northeast". Regionally, flow is oriented towards the St Johns River located NE/E of the site at a distance of approximately 2500 ft. Therefore, the dominant flow direction within the areas of interest may also shade towards the NE. Groundwater is first encountered at depths of approximately 5 ft bgs but historically vary to as much as 10 ft bgs. Based on the 2014 water level data, hydraulic gradients in the surficial aquifer are relatively small, in the range of about 0.001 to 0.005.

At nearby OU-3, the reported horizontal hydraulic conductivity for the upper sands based on pumping tests is approximately 20 ft/day. Horizontal hydraulic conductivities in the clay layer have not been established, but it is described in site reports as having "a very low hydraulic conductivity" and USGS modeling efforts (1998, 2000) used a hydraulic conductivity of 0.001 ft/day for this layer. These solute fate and transport models also assumed a vertical leakage rate between the upper and intermediate layers of 1 to 2 x 10^{-6} ft/day per ft (USGS, 1998; USGS, 2000). Reported groundwater velocities within the surficial aquifer sands vary between 2 ft/yr (USGS, 1998) and 70 ft/yr (USGS, 2000). The latter value is based on an effective porosity of 0.125 (total porosity of 0.25) that was used during solute fate and transport modeling (USGS, 2000). Because the BTEX plume at PCA 15 FFTF has not been fully delineated (i.e., there is no clean plume boundary on the downgradient edge) and the releases likely occurred over a large area, it is difficult to use the plume length to improve the groundwater velocity estimate.

The majority of the chemical data available at PCA 15 FFTF is related to the on-going management of the petroleum hydrocarbon plume (primarily BTEX). The plume boundaries are not firmly established, but the current hydrocarbon plume extends at least 150 ft in an area immediately south of the remnants of the firefighter training pit (no wells are installed in the former pit area).

4.1.3 PFAS Distribution

The majority of chemical data available at PCA 15 FFTF is related to the on-going management of the petroleum hydrocarbon plume (primarily BTEX). The latest data available were from a 2015 monitoring report that summarized data collected in 2014 (Solution IES, 2015). Total recoverable petroleum hydrocarbons in four wells located within the firefighter training area were between 1,000 ug/L and 15,000 ug/L during this period; these levels are generally above the applicable state-level screening level (5,000 ug/L). The plume boundaries are not firmly established, but the current hydrocarbon plume extends at least 150 ft in an area immediately south of the remnants of the firefighter training pit (no wells are installed in the former pit area).

In 2014, seven of the existing monitoring wells were sampled and the groundwater was analyzed for a large suite of individual PFASs at Oregon State University. This supplemental investigation was conducted to support a SERDP project and was not part of the site management or regulatory programs. PFASs were detected in all sampled wells, meaning that the PFAS plume occupied—at a minimum—at least as large of a footprint as the TPH plume. However, since PFASs were detected at the well located farthest downgradient, there is an assumption that the PFAS plume extends farther than currently recognized. Concentrations of up to 1.9 mg/L of PFAS were measured, and only a gradual

decrease in concentration is noted moving from west to east (in the apparent direction of groundwater flow). In addition, concentrations were generally higher in the deeper wells than in the shallow wells. This includes the deeper well FFF-PMW-06D, which (anecdotally) had the highest known recorded PFOS concentration (approximately 1.1 mg/L) measured at any site at the time of sampling, as well as the greatest number of individual PFASs measured for any site (unpublished data).

4.2 SITE 2: NAVAL BASE VENTURA COUNTY (NBVC) POINT MUGU, CA; IRP SITE 9

4.2.1 Site History and Location

IRP Site 9 is located at the Naval Base Ventura County (NBVC) Point Mugu which is located in Ventura County, California, approximately 50 miles northwest of Los Angeles (Figure 4-2). The Navy has conducted operations at Point Mugu since 1945, and it is a major center for naval weapons systems testing and evaluation (Tetra Tech, 2003). The Site is approximately 1.5 acres and includes two firefighter training (or burn pits); one closed and one active. The closed burn pit was used for firefighter training from the late 1950s to 1984. The active burn pit is still available for use as a firefighter training area; however, the Navy indicated that the exercises involving the use of AFFF ceased in the mid-2000s (CH2M, 2018). This firefighter training area was the focus for the ESTCP field demonstration.

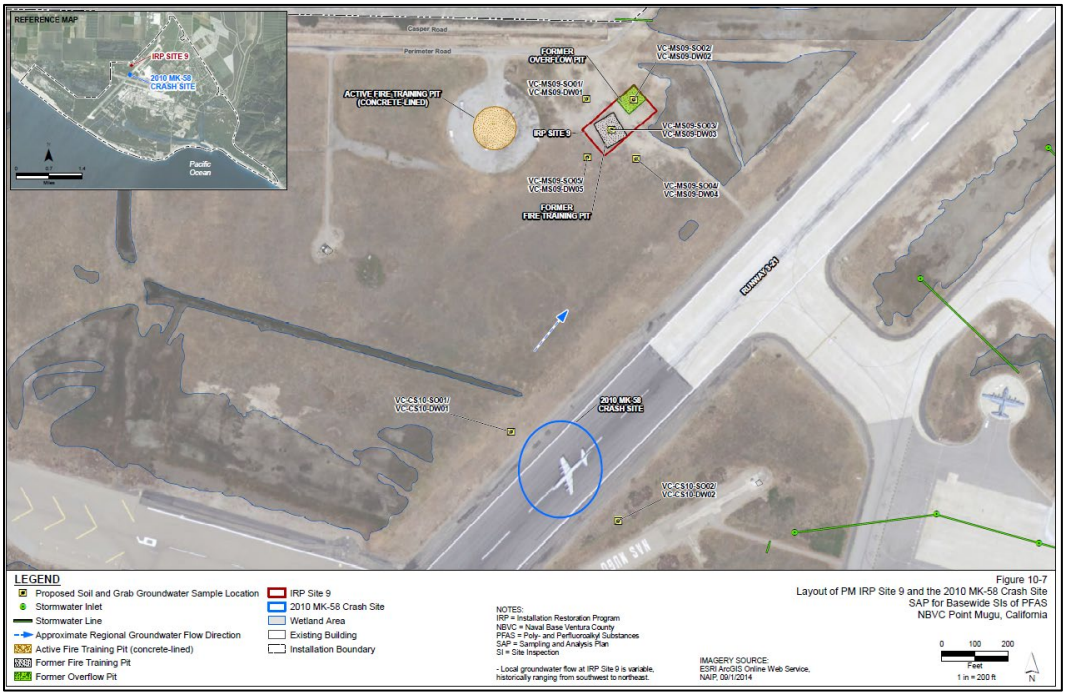


Figure 4-2. IRP Site 9 Map (Source: CH2M, 2018)

No information on historic remedial efforts in this area was available at the time of the site selection process.

4.2.2 Geology and Hydrogeology

Six aquifers have been identified in this region in the following order of depth: i) Semi-Perched; ii) Oxnard; iii) Mugu; iv) Hueneme; v) Fox Canyon; and vi) Grimes Canyon. The Upper Aquifer System (consisting of Oxnard and Mugu Aquifers) is separated from the Lower Aquifer System (consisting of Hueneme, Fox Canyon, and Grimes Canyon) by aquitards that are leaky and discontinuous (Tetra Tech, 2003).

The Semi-Perched Aquifer is the focus of this demonstration and extends from the water table (i.e., 2-10 ft bgs) to approximately 85 to 135 ft bgs (Tetra Tech, 2003). It is comprised of interbedded sands, silts and clays. Generally, groundwater flows to the north-northwest in the northwestern half of the base, and to the southeast-east in the remainder of the base (Tetra Tech, 2003). At IRP Site 9, the groundwater flow is to the northeast during the dry season, and to the southwest during the rainy season.

Due to pumping of the Upper and Lower Aquifer Systems, the historical groundwater gradient was reversed, with groundwater flowing inland from the Pacific Ocean. As such, this inland flow produced seawater intrusion into the aquifers regionally. At the NBVC Point Mugu Site specifically, high concentrations of total dissolved solids (TDS) exist, along with anion and cation chemistry that is similar to seawater (Tetra Tech, 2003). Finally, the average hydraulic conductivity of 47 ft/day was calculated using a rising head test. As such, the groundwater at IRP Site 9 was determined to flow at an average velocity of 318 ft/yr (Tetra Tech, 2003).

4.2.3 PFAS Distribution in Groundwater

Groundwater samples were collected in 2018 from IRP Site 9 in the following locations: i) the former firefighter training pit; ii) former overflow pit; and iii) the active firefighter training pit. PFAS were analyzed at a commercial lab using a modified EPA 537 method, and results indicated significant levels of PFAS are present in the former firefighter training pit and former overflow pit. For instance, PFOS and PFOA concentrations were >100,000 ng/L in both sampling points in the former firefighter training pit area. As such, this area was considered a promising site for a focused, more detailed characterization effort as part of this project.

4.3 SITE 3: NAVAL AUXILIARY LANDING FIELD (NALF) FENTRESS, VA, AFFF STORAGE AND TRANSFER AREA; NEAR BUILDING 106

4.3.1 Site History and Location

NALF Fentress is located in Chesapeake, Virginia and was established in 1940 for field carrier landing practice operations. It is under the command of NAS Oceana and is primarily used by squadrons stationed at NAS Oceana or Naval Station Norfolk Chambers Field for field carrier landing practice operations. Storage and maintenance of aircraft does not occur at this site. The base is located several miles inland of the Chesapeake Bay (Figure 4-3).

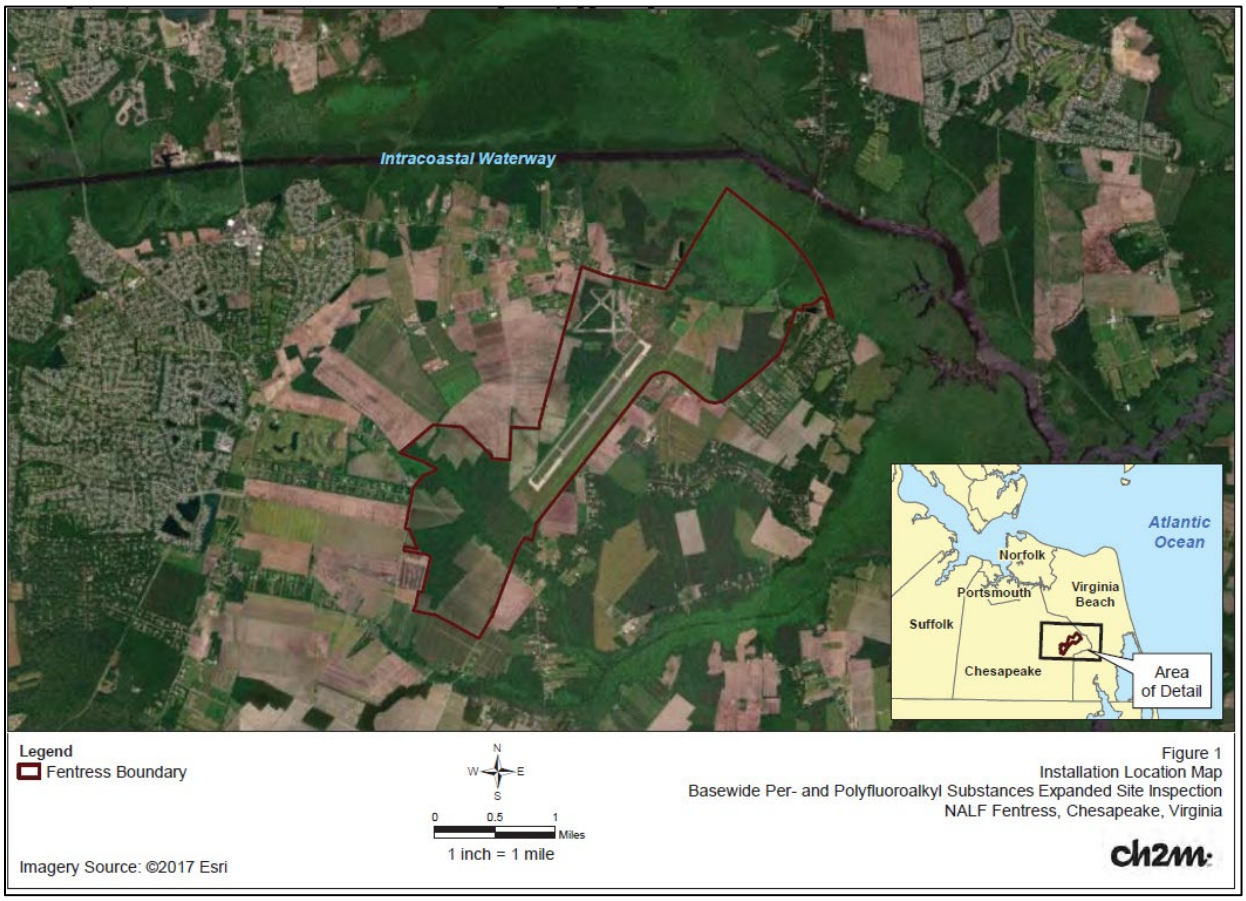


Figure 4-3. Installation Location Map (Source: CH2M, 2017)

Aqueous film-forming foam (AFFF) was used historically during firefighting activities, and several potential PFAS release areas have been established at this site based on historical records. This includes what are known as Site 14 (a former landfill), Site 17 (a former firefighting training area), and Building 106 (an AFFF storage and transfer area) that were identified for further evaluation of PFAS. Preliminary investigations were completed in these areas (including field sampling), and the results were summarized in an April 2018 Basewide PFAS Site Inspection Report that was available for review by our project team (CH2M, 2018).

The AFFF Storage and Transfer Area near Building 106 was selected for the focused characterization effort as part of this ESTCP project. This area contains of a series of tanks and cans that provide approximately 1100 gallons of on-site AFFF storage capacity. Previously, Building 20 was used for AFFF storage until the location was switched to Building 106 at an unknown date; both buildings are located in close proximity. Based on interviews with site personnel conducted in 2015 (CH2M, 2018), only 3% AFFF is used, with previous or current use of 3M, Ansul, and Chemguard brands. Reportedly, AFFF has not been used at NALF Fentress for emergencies in the recent past. Interviewed personnel said that they did not think that AFFF has been sprayed at NALF Fentress in the past two decades for any emergency, including fuel releases, historical crashes or fires, or emergency runway landings. Spray tests have been conducted in the current crash truck equipment test area since about 2010, which is located more than a half mile southwest of Building 106. The spray test consists of testing the individual turrets and line, as well

as tests of the distance and width of the spray pattern. AFFF was also used at Site 17 (the training area), which is located approximately 1500 ft southwest of Building 106.

4.3.2 Geology and Hydrogeology

The main hydrogeologic unit at NALF Fentress is the Columbia aquifer, which extends to a depth of approximately 17-30 ft bgs. Below this aquifer is the Yorktown confining unit, which is approximately 15 feet thick and is underlain by the Yorktown-Eastover aquifer (approx. thickness of 100 ft) (CH2M, 2017). In the AFFF Storage and Transfer Area (Building 106), the groundwater flow is generally to the northeast in both the Columbia and Yorktown aquifers (CH2M, 2017).

4.3.3 PFAS Distribution

Based on previous investigations, total PFOS + PFOA concentrations in groundwater ranged from 10,000 to 53,000 ng/L in samples collected in the vicinity of the AFFF Storage and Transfer Area (Building 106). These data were reported in the 2018 site inspection report that was focused on identifying areas for further evaluation, and the concentrations in this area exceeded those in the firefighter training area (Site 17) or the landfill (Site 14). As such, the AFFF Storage and Transfer Area was expected to be promising for a focused, more detailed characterization effort as part of this project.

5.0 TEST DESIGN

The following sections describe the analytical and site-characterization methodology employed at all three sites.

5.1 CONCEPTUAL EXPERIMENTAL DESIGN

The field program was designed to collect high-resolution groundwater and soil data from multiple sites. Specific sampling methodology used during this project included:

1) High-resolution vertical stratigraphic profiling;

2) Depth-discrete collection of groundwater samples; and

3) Depth-discrete collection of soil samples.

Specifically, multiple sampling locations were characterized at each site with the focus on source areas, several downgradient locations and a minimum of one upgradient (background) location. A tiered approach was used to distinguish the intensity of data collection at different locations, with a high intensity used at Tier 1 locations and a slightly lower intensity used at Tier 2 locations. Tier 1 locations followed the groundwater flow direction, while Tier 2 locations generally were in cross-gradient transects. An overview of the high-resolution characterization methods is included in Figure 5-1. Additional criteria used in selecting sampling locations and depths are summarized below for the various types of analyses:

- ***Stratigraphic Profiling:*** The Hydraulic Profiling Tool (HPT) was used to provide stratigraphic information. Typically, three to five locations were chosen along the presumed direction of groundwater flow to establish the distinct permeability zones, with the specific aim of identifying low-permeability sublayers (e.g., clays) that might impact PFAS fate and transport.

- ***Groundwater Sampling Locations:*** Groundwater samples were collected from at least four depths at all temporary investigation points using direct-push technology (DPT). This ensured that there was data from both above and below any low-permeability units. In addition to the temporary investigation points, a number of existing monitoring wells were sampled. These data help validate results from earlier rounds of testing and provide a comprehensive snapshot of the distribution of individual PFAS within longer-screened wells. At existing monitoring wells from one site (NAS Jacksonville), samples were collected from: 1) the midpoint of the screened interval; and 2) from just below the air-water interface.

- ***Soil Sampling Locations:*** Soil sampling locations were chosen to coincide with groundwater sampling locations. Surface soil samples were collected at each of these locations, along with multiple samples from both high-permeability and low-permeability zones. Surface soil samples were also collected at several additional locations where groundwater and subsurface soil sampling were not completed.

- ***Background Sampling Location:*** A location upgradient of the source area was selected on the regional groundwater flow direction.

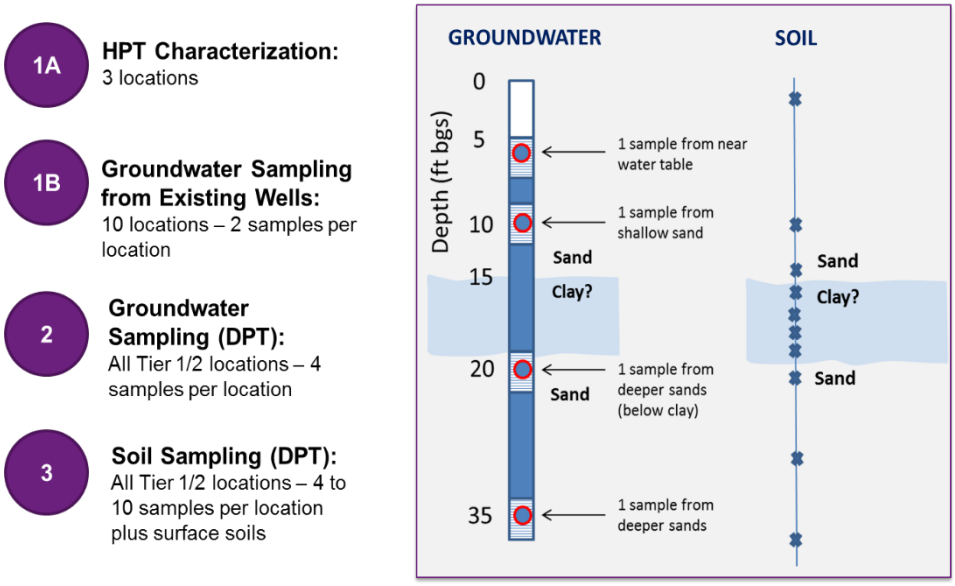


Figure 5-1. Conceptual Design for High-Resolution Characterization – Transect Locations. *Multiple methods were used at each location. Generalized sampling depths are designated by red circles (groundwater) or blue crosses (soil); actual sampling depths varied based on site conditions. The presumed depths of the sand and clay layers were based on information available prior to mobilization.*

All groundwater samples were analyzed for the following:

- ***Total Fluorine.*** A state-of-the-art analytical method for Total Fluorine was employed by the University of Notre Dame (laboratory of Graham Peasele, located at Hope College at the start of this project). The PIGE (Particle Induced Gamma-ray Emission) spectroscopy method has the potential to be a cost-effective method to rapidly determine total fluorine to guide characterization locations for the more costly analysis of individual PFASs by LC-MS/MS. The method yields total fluorine (TF) measurements by bombarding samples with a beam of protons and measuring the resulting gamma rays. Two gamma rays which are characteristic of the decay of the fluorine nucleus indicate the proportion of fluorine present in the sample (Ritter et al., 2017). The novel assay is quick (180 s per analysis) and was used to both screen for the presence or absence of PFASs in groundwater during drilling and to quantify total PFASs for the purpose of delineating the footprint of PFAS impacted sites.

- ***PFAS***. Aqueous-phase samples were primarily analyzed for PFAS at Oregon State University using a combination of LC-MS-MS and LC-QTOF-MS in both ESI- and ESI+ modes. This detailed PFAS analysis of groundwater can determine the distribution and concentrations of hundreds of individual PFASs. The analyte list for this project includes all the analytes listed in US EPA Method 537 but expands beyond this list by including a wider range of hundreds of PFAS known to be present in AFFF formulations and at

impacted sites. The method also quantifies all required analytes in the latest DoD QSM list (40 as of the date of this report) and follows the QA/QC protocols in that guidance. In addition, non-target analysis was performed on all samples to determine if a larger set of compounds (identified through suspect screening) were present, along with an estimated concentration for each. This was based on the protocol described in Appendix A.2.

- ***Volatile Organic Compounds (VOCs) + methane***. VOCs via EPA Method 8260B and methane via EPA Method RSK-175 were analyzed in a subset of groundwater samples by a commercial lab.

- ***Field Parameters***. Field parameters such as pH, redox, temperature, electrical conductivity, and dissolved oxygen were obtained using a YSI probe (or similar) in the field and recorded on designated field forms.

Soil samples were analyzed for the following:

- ***PFAS***. All analyses of solid-phase samples for PFAS were completed at Colorado School of Mines using LC-QTOF-MS in both ESI- and ESI+ modes with appropriate dilutions. The PFAS analyte list was designed to be as similar as possible to that performed for groundwater at OSU, though the absence of appropriate stable isotope surrogate and internal standards may preclude quantitative analyses of some PFASs due to significant matrix effects in these more problematic matrices. For soil and sediment, a previously established protocol[46] employing stable-isotope surrogate standards will be used for all soil and sediment soil analyses. The method quantifies all analytes in the latest DoD QSM list (40 as of the date of this report). In addition, non-target analysis was performed on all samples to determine if a larger set of compounds (identified through suspect screening) were present, along with an estimated concentration for each. This was based on the protocol described in Appendix A.1.

- ***Volatile Organic Compounds (VOCs)***. VOCs via EPA Method 8260B were analyzed in subset of the obtained soil samples by a commercial lab.

- ***Fraction of Organic Carbon***. Total organic carbon via EPA Method 9060A were analyzed in a subset obtained soil samples by a commercial lab.

- ***Cation Exchange Capacity***. Cation exchange capacity via EPA Method 9081 were analyzed in a subset of soil samples by a commercial lab.

Finally, for analytical quality control, field sample duplicates, and field blanks were obtained. Specific quantities and frequency of QA/QC samples will be determined by the research team (GSI, Navy, Notre Dame, Oregon State, and Colorado School of Mines).

5.2 BASELINE CHARACTERIZATION ACTIVITIES

The field work involved a single mobilization to each site (3 mobilizations were required at NAS Jacksonville) to collect samples. There were no baseline characterization activities required beyond reviewing existing characterization data to support well selection.

5.3 TREATABILITY STUDY RESULTS

No laboratory or treatability testing was performed for this project.

5.4 DESIGN AND LAYOUT OF TECHNOLOGY COMPONENTS

The following sections describe the primary components of the proposed field demonstration and the preliminary locations at each source area where these procedures were utilized (Figure 5-2).

- **Tier 1 Locations:** These locations are within transects placed perpendicular to the groundwater flow direction. Characterization generally consisted of two transects with 3 investigation points per transect. At each point, it was envisioned that 4 groundwater samples and 10 soil samples were to be collected from the interval of interest. Data from these points were designed to provide resolution on how concentrations vary with depth and relative permeability of the formation, as well as the mass discharge. At Tier 1 locations, groundwater samples were sent for immediate PIGE analysis and used to help define Tier 2 locations.

- **Tier 2 Locations:** These locations were along a single transect placed in the direction of groundwater flow (longitudinal). At least 3 investigation points were envisioned along this transect (in addition to the two Tier 1 locations that are also along this same transect). At each Tier 2 point, it was envisioned that 4 groundwater samples and 4 soil samples will be collected from the interval of interest. Thus, the data resolution from these Tier 2 locations was somewhat less than the Tier 1 locations.

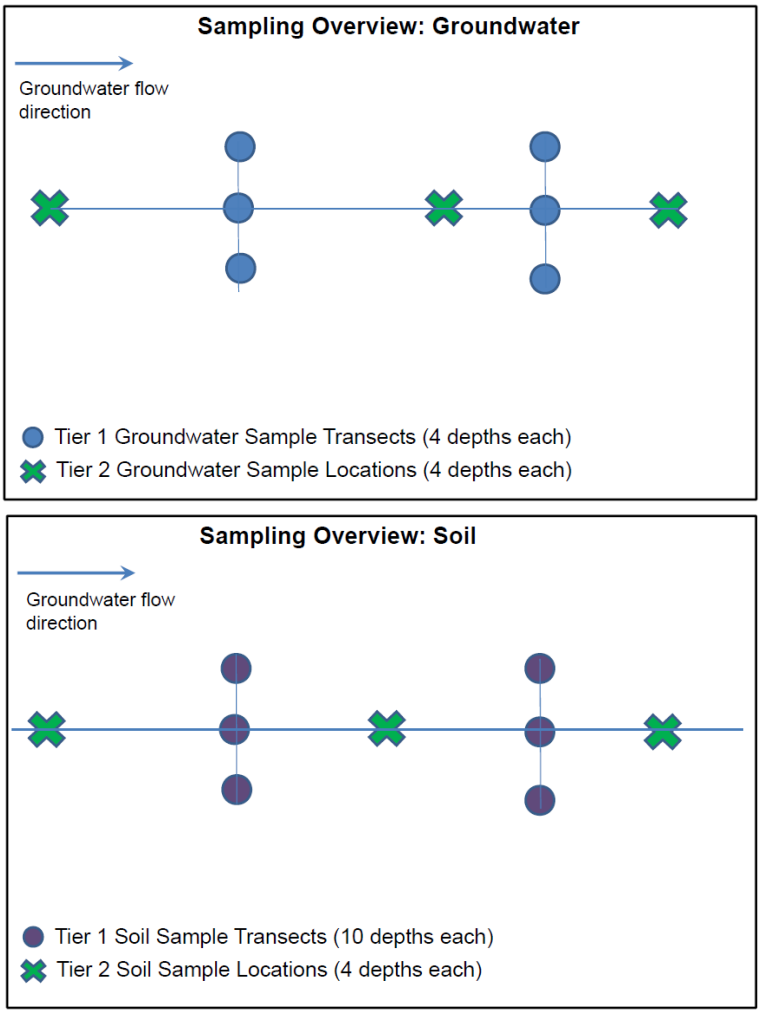


Figure 5-2. Tier 1 and Tier 2 Groundwater (top panel) and Soil (bottom panel) Sampling Plan.

5.4.1 High Resolution Characterization

A detailed vertical characterization of 2 to 4 locations per site was completed using the Hydraulic Profiling Tool. The goal of this characterization step is to rapidly provide screening level data on hydrostratigraphy at multiple locations to inform conceptual site models and to select depths for subsequent soil and groundwater sampling. Data are displayed real-time for on-site interpretation of results and thus well-suited for determining sampling intervals.

The Geoprobe Hydraulic Profiling Tool (Geoprobe HPT®) is a direct-push tool described by McCall (2011). HPT provides a real-time indication of hydraulic conductivity via logging water injection rates and pressures during tool advancement. Software tools are available for evaluating the data including use of empirical correlations for direct estimation of hydraulic conductivity. The tool also includes an EC sensor array providing another means of assessing presence of lower hydraulic conductivity (i.e., silt and clay-rich) zones. Because the goal of this step is rapid stratigraphic characterization, no samples were collected during advancement of the HPT. Instead,

samples were collected during separate advancements at these same locations after the stratigraphic data had been processed and interpreted.

5.4.2 Depth-Discrete Groundwater Sampling

Groundwater samples were collected by advancing a direct push technology (DPT) groundwater sampling probe on the DPT rods at a location adjacent to the original HPT survey location. The sampling probe was advanced to the desired depth interval and the operator then pulled up the DPT rods, allowing for the sampling screen to be exposed. Polyethylene tubing was lowered into the rods and a Waterra valve was used to extract water for sampling purposes. A grab groundwater sample was collected in method-specified containers (see Table 5.2) and immediately placed on ice. New polyethylene tubing and Waterra valve was used to collect each sample.

A summary of the number of samples and analysis plan is provided in Table 5.1 and Table 5.2.

5.4.3 Depth-Discrete Soil Sampling

Soil cores will be obtained using a direct push rig and location-specific samplers at specified depths. Each soil sampling location was within several feet of the location where the HPT characterization and depth-discrete groundwater sampling was completed to ensure that highly similar subsurface conditions are encountered. Soil samples were collected from both the same depths where groundwater samples were collected as well as additional depths to provide higher resolution vertical data.

A summary of the number of samples and analysis plan is provided in Table 5.1 and Table 5.2.

Table 5-1. Summary of Sampling Plan per Site

Project Component	Matrix	Collection Method	Analyte(s)	Location
High-Resolution Groundwater Sampling	Groundwater	DPT Unit for depth-discrete GW sampling using tubing and Waterra pump	Total Fluorine, PFASs, VOCs, methane, field parameters	Tier 1 and Tier 2 sampling points
Groundwater Sampling of Existing Monitoring Wells	Groundwater	Low-flow groundwater sampling from existing wells	Total Fluorine, PFASs, VOCs, methane, field parameters	Existing Monitoring Wells at Site
High-Resolution Soil Sampling	Soil	DPT Unit for depth-discrete soil sampling at same depths as GW samples	PFASs, VOCs; fraction organic carbon, cation exchange capacity	Tier 1 and Tier 2 sampling points

Table 5-2. Summary of Analytical Methods for Samples Collected per Site

Matrix	Analyte	Method(s)	Container and Preservative	Laboratory
Groundwater	Total Fluorine	PIGE Analysis	(Qty: 1) 500 mL; Standard HDPE containers without lid liner. No preservative necessary; Ship in cooler with ice.	University of Notre Dame
	PFASs	LC-MS/MS	(Qty: 4) 6 mL samples in 15 mL centrifuge tubes	Oregon State Univ. (OSU)
	VOCs and methane	Method 8260B (VOCs) RSK-175 (methane, ethane, ethene)	(Qty: 3) 40-mL VOA vials (VOCs) (Qty: 3) 40-mL VOA vials (methane) Ship in cooler with ice.	Commercial Lab
	Field Parameters: Geochemistry (Dissolved oxygen, pH, redox, temperature, electrical conductivity, iron)	YSI Probe	> 100 mL; no preservative	Not applicable (field measurement)
Surface Water	Total Fluorine	PIGE Analysis	(Qty: 1) 500 mL; Standard HDPE containers without lid liner. No preservative necessary; Ship in cooler with ice.	University of Notre Dame
	PFASs	LC-MS/MS	(Qty: 4) 6 mL samples in 15 mL centrifuge tubes	Oregon State Univ. (OSU)
	Field Parameters: Geochemistry (Dissolved oxygen, pH, redox, temperature, electrical conductivity, iron)	YSI Probe	> 100 mL; no preservative	Not applicable (field measurement)
Soil	PFASs	LC-MS/MS	(Qty: 1) 100-250 mL HDPE jar Ship in cooler with ice	Colorado School of Mines (CSM)
	VOCs; fraction organic carbon, cation exchange capacity	Method 8260B (VOCs) Method 9060A (Total Organic Carbon) Method 9081 (Cation Exchange Capacity)	(Qty: 1) Terra Core (VOCs) (Qty: 1) 8 oz glass jar (geochemical, fraction organic carbon, cation exchange capacity)	Commercial Lab

5.5 FIELD TESTING

Data from the project was analyzed to better understand key factors that control the migration of PFAS in both groundwater and soil. Key issues that were evaluated include: (1) identifying the location and magnitude of the source area and the PFAS sources that were contributing; (2)

documenting the concentration trends both vertically and laterally from the source area to understand the extent of transport; (3) evaluating the relevance of different possible fate and transport processes, including retardation due to partitioning, matrix diffusion effects, and biotransformation; (4) establishing site-specific factors that contributed to these processes; (5) determining if PFAS is present at background locations and if it is unrelated to usage of AFFF in the primary source area.

As noted in Section 5.3, data was collected at each site in a phased approach, starting with a screening-level hydrostratigraphic characterization, followed by groundwater and soil sampling. Sampling programs for each site are described in the following subsections.

5.5.1 Site 1: NAS Jacksonville, FL

Figure 5-3 below depicts all investigation points completed at the site and are described in the following subsections. The investigation focused on two primary areas: (1) the former firefighter training pit; and (2) the downgradient plume.

Hydraulic Profiling Tool (HPT) Characterization

HPT was conducted in the former firefighter training pit at locations 2 and 3, and at one far downgradient point, location 14. Vertical profiling was obtained from ground surface to 40 – 50 ft bgs. All HPT logs are provided in Appendix B.

Soil and Groundwater Locations

The former firefighter training pit served as the presumed source of PFASs in the area, and one cross-gradient transect was placed immediately northeast of the pit boundary (locations 9, 10, 11). A second cross-gradient transect was placed far downgradient plume (locations 13, 15).

As noted previously, groundwater flow is variable but generally moves in an easterly or northeasterly direction. For the purposes of this investigation, we assumed that the primary historic flow was in the northeasterly direction. Therefore, additional Tier 2 locations were selected to provide data along a longitudinal transect. Several surface soil samples were also collected at multiple locations in and around the perimeter of the former pit to help delineate the source (locations 4, 5, 6, 7).

In addition, one upgradient location was initially selected to provide background information (location 1). Analyses at this location indicated PFAS impacts from the source area. Subsequently, two additional background locations were sampled (locations 16 and 17).

All soil and groundwater samples were collected to a depth of approximately 35 ft bgs, with the exception of selected locations where samples were collected as deep as 50 ft bgs (locations 3 and 17).

Miscellaneous

A total of three temporary well clusters (locations 24, 25, and 26) were installed, with each cluster containing 4 separate wells. These were installed to provide vertical data but also to confirm that groundwater samples collected directly from the DPT rig (grab samples) did not overly bias the vertical concentration distribution (i.e., by pushing PFAS from shallow intervals to deeper

intervals). Cluster location 24 had wells installed at total depths of 5 ft bgs, 10 ft bgs, 35 ft bgs and 60 ft bgs. Locations 25 and 26 had wells installed at total depths of 5 ft bgs, 10 ft bgs, 35 ft bgs and 50 ft bgs. Each well was constructed of 2" PVC casing and was developed using standard well development protocols prior to sampling.

Finally, groundwater was collected from all 10 existing monitoring wells in the area through grab sampling at both the air-water interface (top of water table) and the middle of each screen interval. Screen intervals at these wells typically ranged from 4 -14 ft bgs (8 wells) and from 30-35 ft bgs (2 wells).

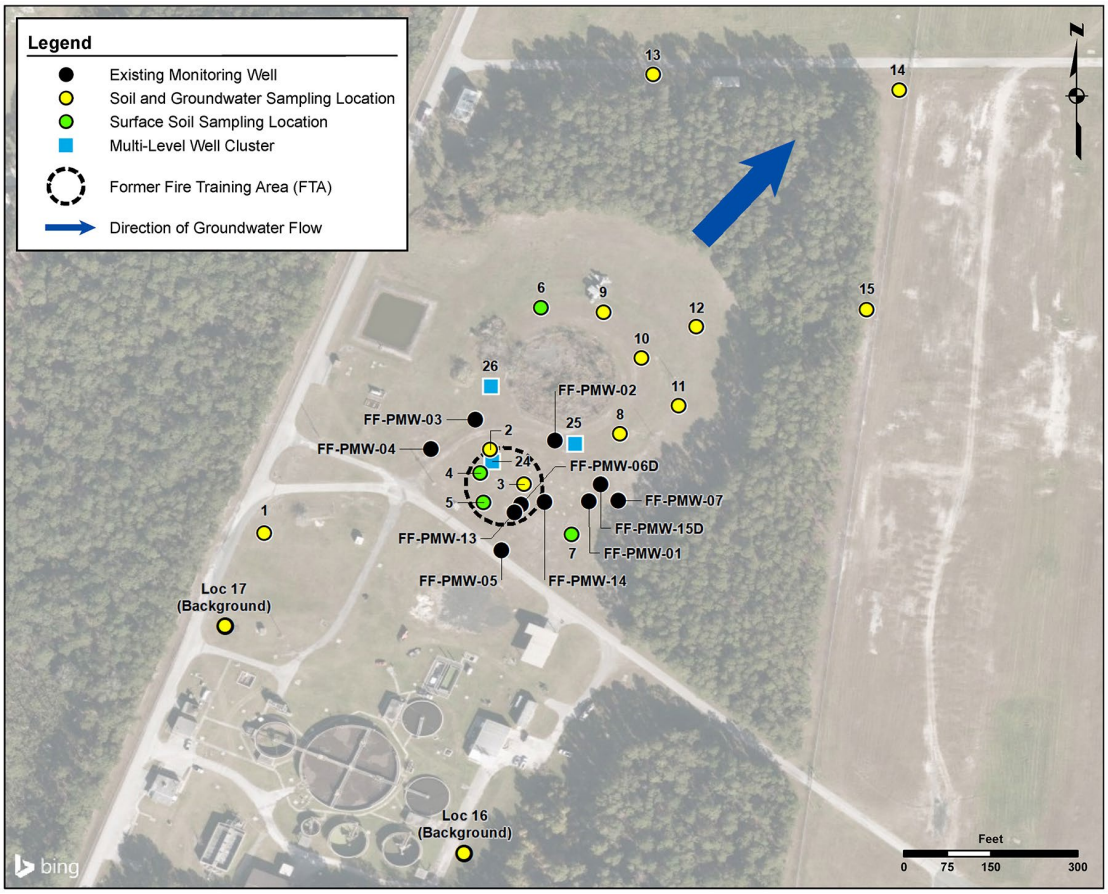


Figure 5-3. Site Map of Firefighting Training Area at NAS Jacksonville.

5.5.2 Site 2: NBVC Pt. Mugu, CA

Figure 5-4 below depicts all sampling points conducted at the site and are described in the following subsections. Investigation efforts focused on the former burn pit (location L5), and downgradient locations. The wet season is generally November through March. From this source area, groundwater flow direction is to the northeast (toward L9) for drier parts of the year, and to the southwest (toward L1) for wetter parts of the year.

Hydraulic Profiling Tool (HPT) Characterization

HPT characterization was conducted three locations, H-1, H-4, and H-9 (Figure 5-4) from ground surface to 40 ft bgs. All HPT logs are included in Appendix C.

Soil and Groundwater Sampling Locations

The investigation focused on the former burn pit and downgradient points (Figure 5-4). All Tier 1 and Tier 2 locations were placed along the direction of groundwater flow, as opposed to perpendicular. This is because flow is known to show seasonal variability, with both NE and SW flow observed depending on the season. As a result, a decision was made to focus resources along the longitudinal transect in both directions of groundwater flow.

Several surface soil samples were also collected at SS1, SS2, and SS3. Finally, two upgradient locations were selected (B1 and B2) to provide background information.

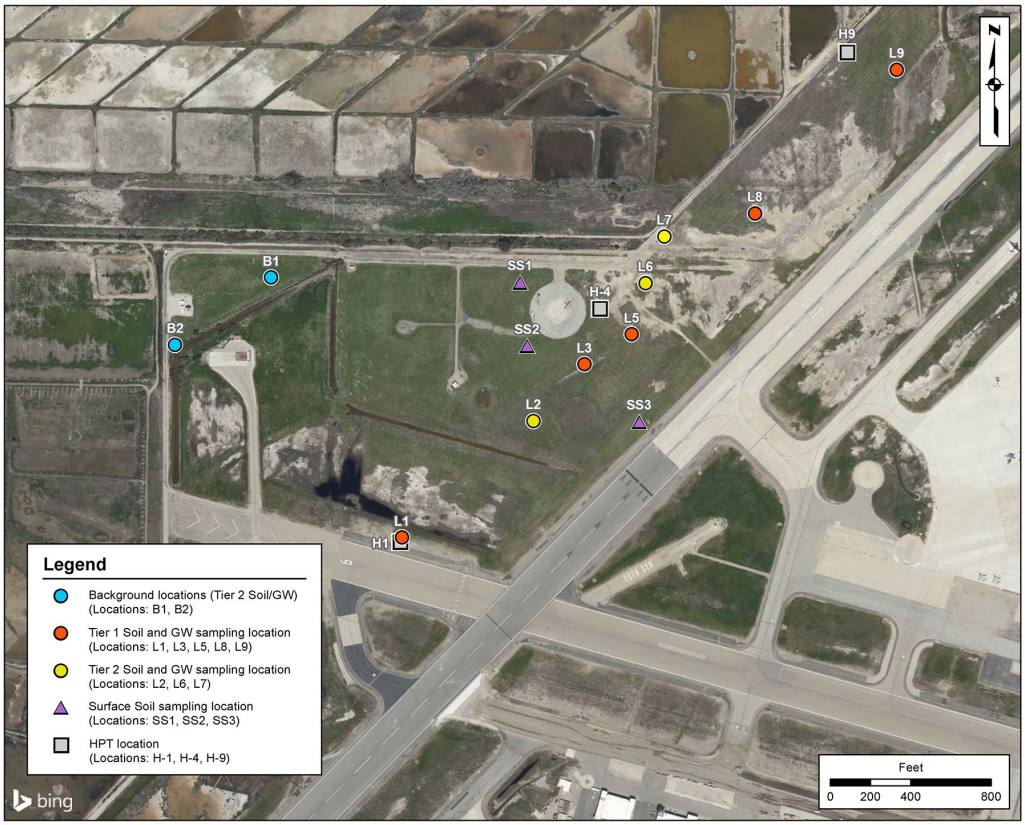


Figure 5-4. Site Map of Firefighting Training Area at Pt. Mugu. *The former firefighter training area is adjacent to location L5 and is considered the source area with peak concentrations. The ponds on the northern part of the image are flooded from July through March for migratory waterfowl. The wet season is generally November through March. From this source area, groundwater flow direction is to the northeast (toward L9) for drier parts of the year, and to the southwest (toward L1) for wetter parts of the year (depicted in blue arrows).*

Groundwater samples were collected to a depth of approximately 40 ft bgs from the Semi-Perched Aquifer. However, due to the high permeability sands at this site, drilling conditions proved

challenging when obtaining soil samples. As such, soil samples were collected to a depth of approximately 25 ft bgs at most locations, except at L5 (depth of 47 ft bgs) and L9 (depth of 38 ft bgs).

5.4.3 Site 3: NALF Fentress, VA

Figure 5-5 below depicts all sampling points conducted at the site and are described in the following subsections. Investigation efforts focused on the AFFF storage and transfer area (location L2 and L3), and downgradient locations towards the east.

Hydraulic Profiling Tool (HPT) Characterization

HPT characterization was conducted at locations B1, B2, L1, L5, and L7 to depths of 30 to 50 ft bgs. All HPT logs are provided in Appendix D.

Soil, Groundwater, and Surface Water Sampling Locations

The investigation focused on the AFFF storage and Transfer Area as well as downgradient points (Figure 5-5). One cross-gradient transect was placed in the source area (Tier 1 locations L1, L2, L3), while the second cross-gradient transect was placed further downgradient (Tier 1 locations L6, L7, L8) at the boundary of the site. Three Tier 2 locations were placed along the direction of groundwater flow to provide data along the longitudinal transect (locations L4, L5, and L9). The approximate total depth of investigation was 30 ft bgs which spanned the Columbia aquifer, Yorktown confining unit, and the upper portion of the Yorktown aquifer.

Several surface soil samples were also obtained for multiple locations in and around the perimeter (SS1, SS2, SS3). Two water samples from an existing lagoon to the east of the source area were collected (S1 and S2). Finally, two background locations (B1 and B2) were placed upgradient of the source area (Figure 5-6).

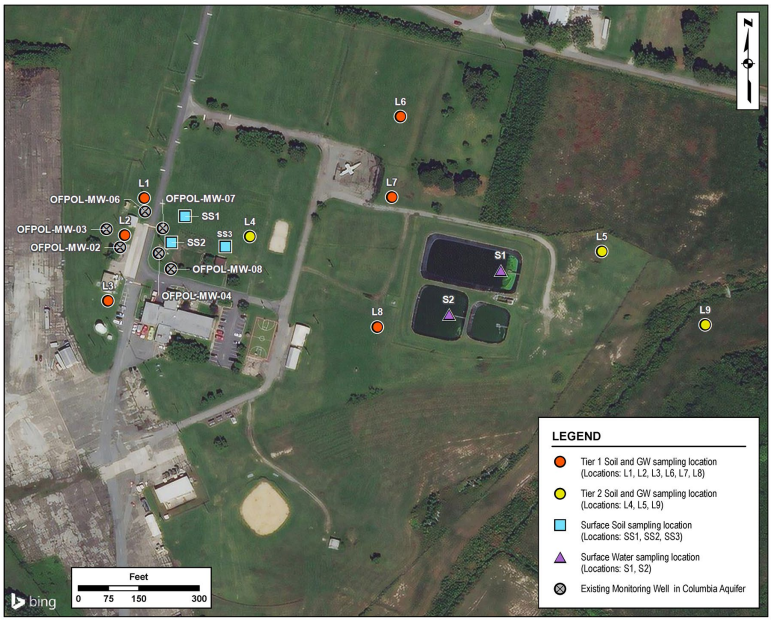


Figure 5-5. Site Map of NALF Fentress VA, Key Source and Downgradient Areas

Miscellaneous

As seen in Figure 5-6, there are several existing shallow monitoring wells in the vicinity, screened from approximately 2–12 ft bgs in the Surficial Aquifer. These were sampled by the existing subcontractor at the site and analyzed as part of this project.

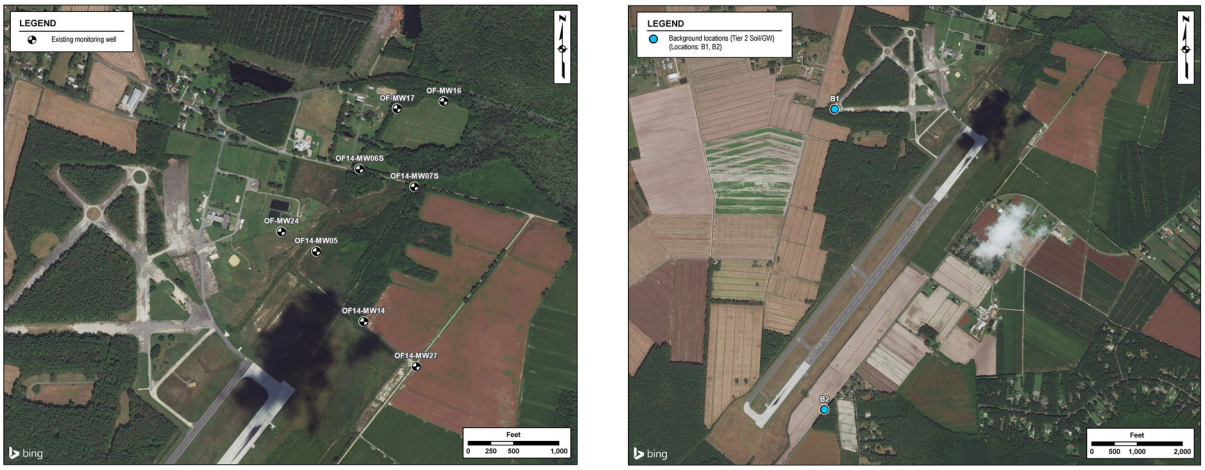


Figure 5-6. Site Map of NALF Fentress VA, Downgradient Monitoring Wells (Left Panel) and Background Locations (Right Panel)

5.6 SAMPLING METHODS

5.6.1 Overview

A summary of the sampling plan is provided in Table 5.1, and the analytical program for these samples is summarized in Table 5.2. Collectively, the sampling and analysis plan generate data provided sufficient understanding of PFAS distribution at each site.

5.6.2 Quality Assurance Sampling Program

Laboratory analyses were completed using the methods and protocols outlined in Table 5.1 and Table 5.2. In all cases, method-specific containers were obtained from the respective laboratories prior to sampling. Labs were consulted on the necessary lab QA/QC samples to ensure that appropriate sample containers for these samples are provided to field personnel as well. A summary of the QA/QC sampling program is provided in Table 5.3 below.

Table 5-3. Summary of QA/QC Sampling Program

QA/QC Sample Category	Sampling Frequency	Analytes
Equipment Rinsate Sample	1 sample/site	PFASs
Rinsing Water Sample	1 sample/site	PFASs
Field Duplicates	Approximately one for every ten samples (soils and groundwater); additional duplicate soil samples collected to evaluate several performance criteria	All requested analytes for each lab
Field Blank	1 sample/site	PFASs
Matrix Spike/ Matrix Spike Duplicates	Approximately one for every twenty samples (soils and groundwater)	Lab and method-specific
Laboratory Control Samples	One per method, batch, and matrix	Lab and method-specific
Laboratory Method Blank	One per method, batch, and matrix	Lab and method-specific

5.6.2.1 PFAS-Specific Sampling Procedures

Due to ubiquitous nature of products containing PFAS compounds (sampling equipment, field supplies, clothing, etc.), special procedures and alternative equipment were used to avoid cross-contamination as specified in Appendix B.

5.6.2.2 Field Quality Assurance Procedures

Field QA/QC samples were collected and analyzed to i) evaluate field precision and accuracy, and ii) facilitate validation of sample results. Field sampling precision and accuracy was assessed through the collection and laboratory analysis of field replicates and field blanks.

Data from field QC samples were examined to determine if any problems are evident for specific media or with laboratory procedures. The individual laboratories (Oregon State University, University of Notre Dame, and Colorado School of Mines (CSM) were responsible for reviewing the QA/QC data and to develop appropriate corrective actions should any problems be encountered.

- ***Rinsing Water Sample:*** Determine if the water used to clean the sampling equipment between wells/surface water locations contains background levels of PFASs, a sample of the cleaning water was collected and analyzed for each site.

- ***Equipment Rinsate Sample:*** After each sampling event, when moving to the next well/location, any sampling equipment that was reused was fully cleaned. A sample was collected of the sampling system rinse water.

- ***Field Duplicate Samples:*** The precision of field sample collection techniques was evaluated by collecting and analyzing field duplicates. Duplicate samples were defined as those samples collected simultaneously from the same source under identical conditions into separate but identical containers, and preserved, stored, transported and analyzed in

the same manner. Thus, to prepare a duplicate, an aliquot was collected from a sample source and divided equally into two separate but identical sample containers. Each duplicate was identically preserved, stored, transported and analyzed. Field duplicates were given a different identification number to disguise the source of the sample from the laboratory. Field replicates were analyzed by the same laboratory analyzing investigative samples.

5.6.2.3 Laboratory Quality Assurance Procedures

The off-site laboratories (Oregon State University, University of Notre Dame, and Colorado School of Mines) implemented a QA/QC program to ensure the reliability and validity of analyses performed in the laboratory. Internal quality control checks differ slightly for individual procedures, but in general QC requirements included the following:

- Method blanks
- Instrument blanks
- Matrix spikes/matrix spike duplicates
- Surrogate spikes
- Laboratory duplicates
- Laboratory control standards
- Surrogate spikes
- Internal standard spikes
- Mass spectral tuning

Laboratories used extra sample volume for preparation and analysis of matrix spike and matrix spike duplicates. QC sample results were properly recorded and included in the analytical data package.

5.6.3 Decontamination Procedures

Standard decontamination measures were employed during sampling activities and all other investigations associated with the project. This included the one-time use of sample and method-appropriate containers, decontamination of all sampling equipment (pump tubing, trowels) prior to sampling and between collecting each sample. During soil sampling, drill rods and all other downhole equipment was decontaminated (using pressure washing) prior to the start of drilling activities, and only decontaminated drilling equipment was used when moving to a new drilling location. All investigation-derived waste was collected and disposed of per site regulations.

5.6.4 Sample Documentation

Sample containers provided by the laboratories for this project were shipped by common carrier in sealed coolers to individual laboratories. The containers and sample coolers were maintained in the custody of GSI until received by the individual laboratories.

5.7 SAMPLING RESULTS

The follow sections describe data analyses and key results of characterization efforts at each site.

5.7.1 Data Analysis

Identification of Source Zones(s)

The fingerprint of PFASs in soil and groundwater obtained from downgradient transects were compared to those in the presumed source areas. Source zones were identified when i) total PFAS concentrations were highest at most depths in both soil and groundwater; and i) were characterized by a relative abundance of the more hydrophobic PFAS (e.g., long-chain, zwitterionic/cationic).

PFAS Transport Processes

Estimates of field retardation factors were calculated using co-located soil and groundwater samples. First, apparent soil adsorption coefficients (K_d values) were calculated for every sampling depth and location where both soil and groundwater were collected and had resulting detections. The apparent K_d values were calculated by dividing the total soil concentration in ng/g (which includes both sorbed and aqueous phase mass) divided by the groundwater concentration in ng/L. This apparent K_d approach was used because some of the soil/groundwater pairs using K_d = (total mass – aqueous mass) ÷ (aqueous mass) resulted in negative K_d's. These discrepancies were attributable to scatter in the groundwater and soil data (i.e., direct measurements of soil porewater mass were not available, so groundwater data were used as a surrogate). Therefore, this simpler apparent K_d was as employed here because of the discrepancies with estimating the porewater concentration as described above.

As such, these were calculated as follows:

$$K_d \text{ (L/kg)} = \text{Soil concentration (ng/g)} / \text{Groundwater concentration (ng/L)} \times 1000 \quad (1)$$

Retardation factors were then calculated per the following equation:

$$R = 1 + K_d \rho_b / \theta \quad (2)$$

where:

R is the retardation factor for a certain PFAS compound (unitless)
Kd is the soil adsorption coefficient (L/kg)
ρb is the soil bulk-density (kg/L). For sands = 1.75 kg/L, silts = 1.65 kg/L, and clays = 1.35 kg/L.
θ is the porosity (unitless). For sands and silts = 0.38, and clays = 0.55.

Subsequently, at sites with sufficient data, Spearman's correlation coefficients were determined between soil adsorption coefficients and site-specific characteristics such as fraction organic carbon, cationic exchange capacity, etc.

Additionally, aerial maps depicting the distribution of classes in both soil and groundwater were created, specifically: i) anionic vs. cationic and zwitterionic PFAS; and ii) PFAAs vs. precursors.

Finally, for each groundwater sample and specific PFAS compound, the weighted average chain length was calculated as follows:

Weighted Average Chain Length for $PFAS_i$ = C_i (ng/L) / Total PFAS C (ng/L) x CL_i (3)

where:

i is the specific PFAS compound
C_i = groundwater concentration of i (ng/L)
Total PFAS C = sum of all PFAS in groundwater (ng/L).
CL_i = chain length of specific PFAS compound.
For the sample as a whole, the sum of all weighted averaged chain lengths from each PFAS compound were determined as a representative chain length at that location/depth.

Natural Attenuation Evidence

Evidence for natural attenuation was assumed to fall into one or more different categories:

1) ***Attenuation in total PFAS concentrations with distance from the source.*** This was evaluated by comparing PFAS groundwater data collected from locations within the source and those collected along a downgradient transect. Total PFAS concentrations that decrease significantly within a short distance of the source are indicative of an attenuating source and/or attenuation in the plume due to non-destructive processes. This is because PFAS sources resulting from AFFF releases (which are episodic and include compounds that do not completely mineralize) would be otherwise assumed to have high concentrations extending far beyond the source.

2) ***Changes in the total PFAS represented by precursors with distance from the source.*** This percentage would be expected to decrease due to natural attenuation processes. This is also supported by the assumption that many types of zwitterionic/cationic precursors would be expected to be retarded relative to anionic endproducts.

3) ***Presence of specific compounds (or classes of compounds) that are expected to be transformation intermediates.*** This can include various fluorotelomer sulfonates and carboxylates, polyfluorinated fluorotelomers with an odd number of fluorinated alkyl carbons, and

4) ***Changes in the spatial patterns of specific sets of compounds that are known and/or expected based on presumed biotransformation pathways.*** This is primarily based on shifts along groundwater flow directions where the detection/enrichment of degradation products is observed due to biotransformation.

Differentiate AFFF and non-AFFF Sources

The evaluation of possible sources of PFAS at these sites included the following:

1) ***Detection of Compounds Known to be Associated with AFFF.*** This involved identification of compounds and compositions that would suggest the presence of one or more types of AFFF.

2) ***Site History and Known Proximate Sources.*** This type of information was limited for this set of sites. However, the firefighter training area for NAS Jacksonville is located

immediately northeast of a wastewater treatment plant, and biosolids were known to have been applied in the area.

3) ***Relationships Between Compounds Detected in Source Areas vs. Background Locations.*** If background locations contained a preponderance of unique compound relative to those detected in the suspected primary source area (which were all related to AFFF usage), then this is evidence of unrelated PFAS sources in the background sources.

4) ***Statistical Analysis of PFAS Composition.*** PCA and/or hierarchical analysis show differences between source area composition and concentrations vs. background locations.

For the statistical analyses, comparisons were generally performed separately on groundwater data and soil data after transforming analyte concentrations into a percentage of total PFAS detected within a sample. Evaluations were performed on unfiltered data as well as datasets where only specific analytes (e.g., target analytes) or specific locations (e.g., surficial soils) were included. Transformed data were entered into ClustVis (http://biit.cs.ut.ee/clustvis/), and pareto scaling was used as an initial data processing step to minimize the effects of large concentration ranges. Clustering was performed using Euclidean distances, and Ward's Method was selected for linking clusters. Detailed methods associated with this tool for cluster analysis are described elsewhere (Metsalu and Vilo 2015).

PIGE as Cost-Effective Guidance Tools for Drilling and Plume Footprint

Results of the PIGE analyses were compared to those obtained by LC-MS/MS. A linear regression analysis and other statistical measures were used to compare Total Fluorine from PIGE vs. Total PFASs from LC-MS/MS data.

5.7.2 Results: NAS Jacksonville, FL

Site Characterization Overview

Field work was completed in several phases between 2017 and 2018. An overview of the high-resolution characterization methods was described previously, and sampling points are depicted in Figure 5-7 below.

As part of this program, a total of 58 depth-discrete groundwater samples were collected, and a total of 105 depth-discrete soil samples were collected. From the existing monitoring wells, 22 groundwater grab samples were collected from both the top and middle of the screen interval.

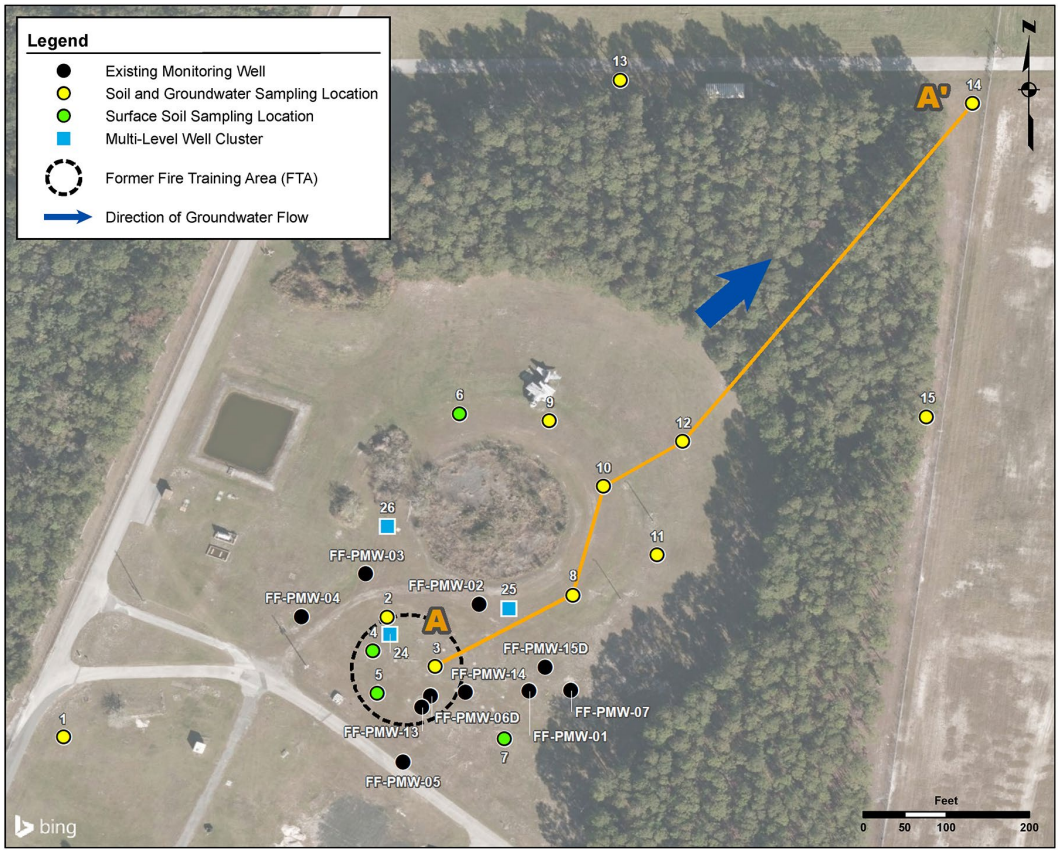


Figure 5-7. Sampling Points at NAS Jacksonville, and Cross-Section A-A'

Site Hydrogeology

Data are available from 3 locations where HPT was completed and 11 locations where soil cores were collected and logged. The total depth for each boring was generally between 35 and 50 ft bgs. Figure 5-8 below depicts the geologic cross-section at the site from the source area (location 3) to the far downgradient point (location 14). These data largely corroborated existing site information. The following are key features that influence PFAS fate and transport at this site:

- The surficial aquifer is largely permeable sands but contains significant lower permeability sublayers in the form of silts and clay. The depths that these silt and clay-rich layers were encountered (based on visual inspection of cores) were largely consistent with the depths where the HPT data indicated low hydraulic conductivity. Based on the HPT logs, the permeability for the low-k layers vs. higher-k layers differs by several orders of magnitude.

- The first low-permeability layer is generally encountered at a depth of approximately 12 ft bgs. The thickness of this first low-k layer varies significantly across the site. Near the former pit, it is typically 1 to 2 ft. Moving northeast away from the pit, the thickness generally increases, with a maximum thickness of approximately 20 ft at Location 14.

- A second, deeper low-k layer is generally encountered starting at a depth of approximately 30 to 35 ft bgs. This layer at least 4 ft thick at most locations and extended beyond the depth of the borings at several locations northeast of the pit.

- Collectively, these data indicate that there is a relatively thick transmissive layer underlying the former pit area, with a thin and potentially discontinuous low-k layer between shallow and deeper portions of the aquifer. The former pit area is closer to the mound reported in earlier investigations by the USGS, and the hydrostratigraphic profiles are consistent with high potential for recharge with vertical transport and radial flow. Based on historic water elevation data collected during routine groundwater monitoring events, the shallow monitoring wells (e.g., FFF-PMW-13) and deep monitoring wells (e.g., FFF-PMW-6D) show a strong hydraulic connection with downward gradients. This pattern has the potential to contribute to downward migration of PFAS released at the surface (discussed in more detail below).

- Outside of the pit area, the data indicate that the transmissive portions are generally much thinner and that lower-k soils constitute a relatively high percentage of the surficial aquifer (typically > 50%). The area to the northeast of the pit was most extensively investigated because this represents the direction of regional groundwater flow (with the understanding that localized flow directions may differ in proximity to the mound). These thicker low-k zones are likely more effective at preventing vertical migration of PFAS and reduce downgradient mass discharge rates (relative to conditions observed closer to the pit). However, their lack of transmissivity may also promote diffusion-based storage of PFAS.

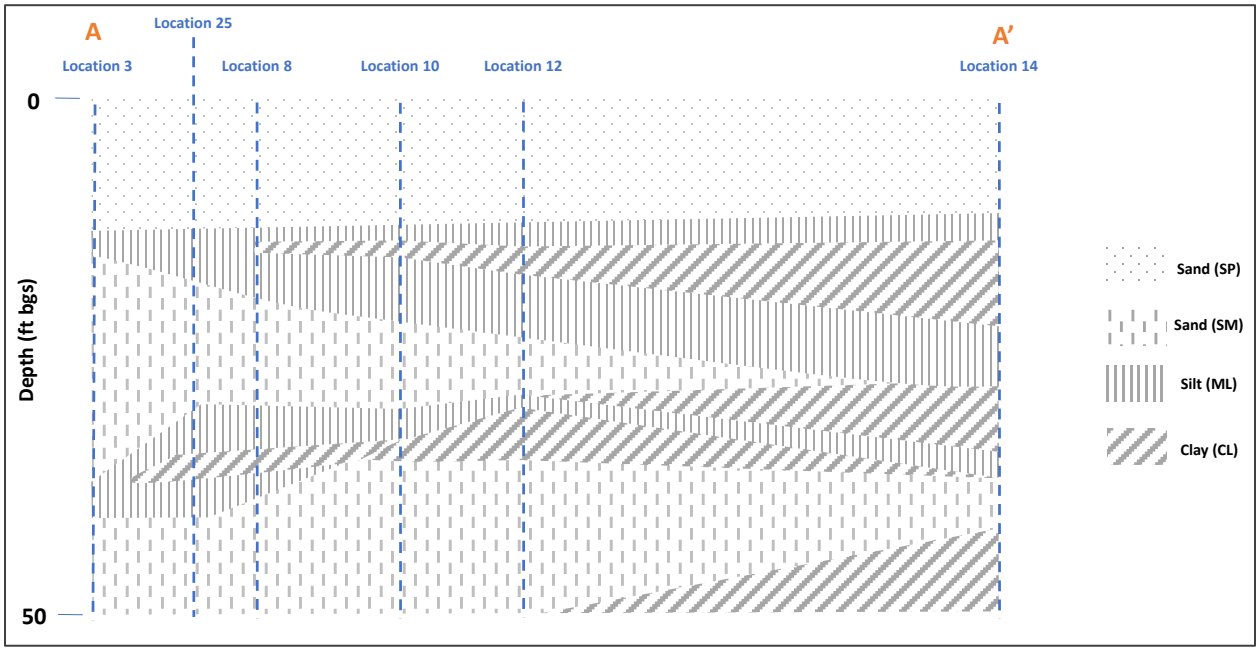


Figure 5-8. Geologic Cross-Section A–A'. *Horizontal distance is approximatley 920 ft. Groundwater flow direction is from left to right (northeasterly).*

Identification of Source Zone

The highest total PFAS concentrations in both soil samples (30,000 ug/kg, location 3) and groundwater samples (5,140 ug/L; location 25) were found in the immediate vicinity of the former firefighter training area (FFTA). A similar pattern was observed for most individual PFAS. In addition, the highest PFAS concentrations in surficial soils were observed within the same general

area (Figure 5-9). This distribution supported the assumption that AFFF used in the vicinity of the former pit is the primary source of PFAS (Figure 5-9).

ECF-based AFFF was known to have been used at the site and is confirmed based on the high concentration of PFOS as well as the widespread occurrence of PFOS at expected branching percentage (i.e., percent of branched PFOS isomer) (22-25%) (Figure 5-9, 5-10, 5-13). Telomer-based AFFF was also presumably used at the site, as evidenced by the presence of elevated levels of multiple fluorotelomers within the source area (e.g., 4:2 FTS, 6:2 FTS, 8:2 FTS) and several PFOA samples where the branching percentage was too low to be plausibly attributed to PFOA in ECF-based foams.

The relative contribution of PFOS and PFOS precursors is high, particularly in the FFTA. However, PFOA mass is significant at some depths and locations, particularly at depths ≥ 35 ft bgs (Figure 5-11, Figure 5-12).

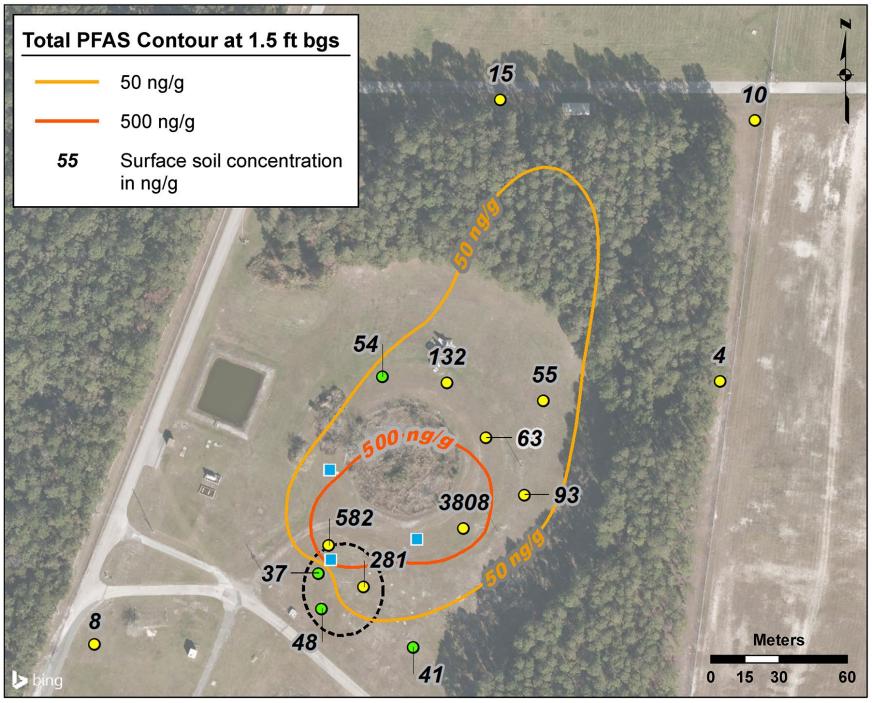


Figure 5-9. Total PFAS in Surface Soil (1.5 ft bgs)

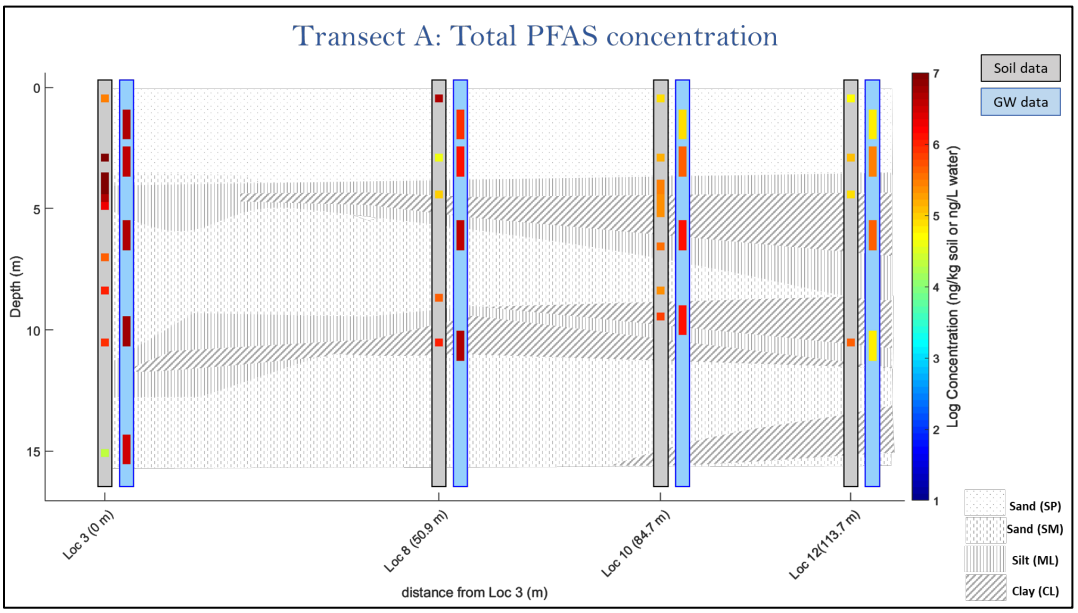


Figure 5-10. Total PFAS Concentrations in Soil and Groundwater for Transect A.

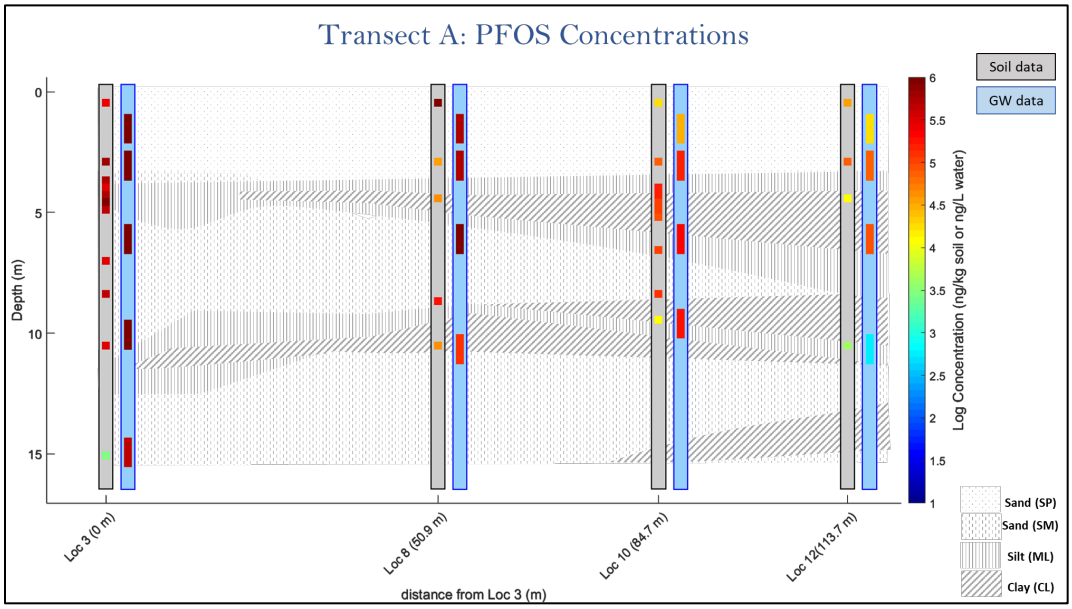


Figure 5-11. PFOS Concentrations in Soil and Groundwater for Transect A.

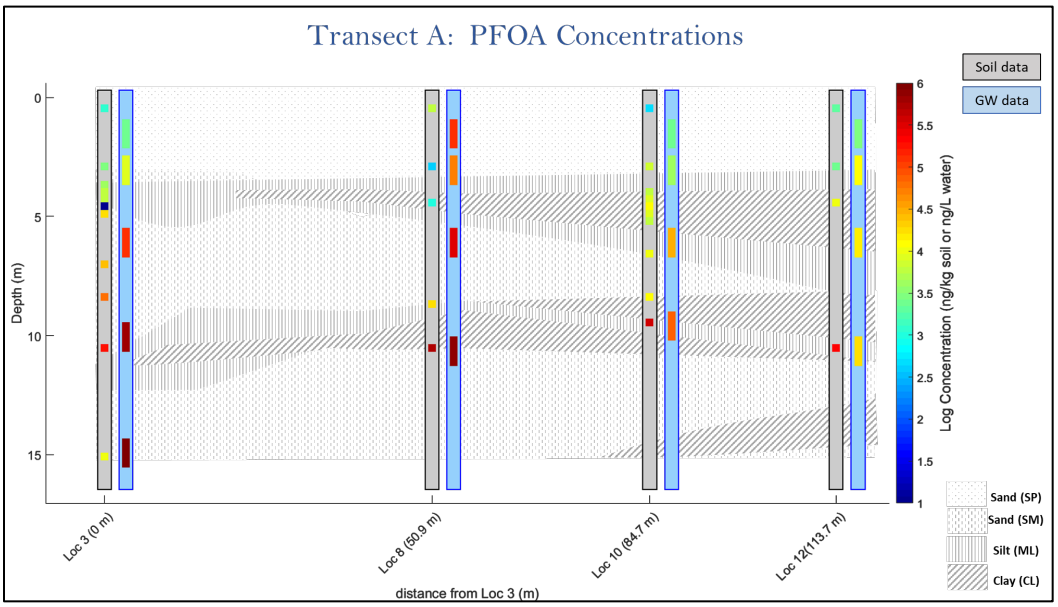


Figure 5-12. PFOA Concentrations in Soil and Groundwater for Transect A.

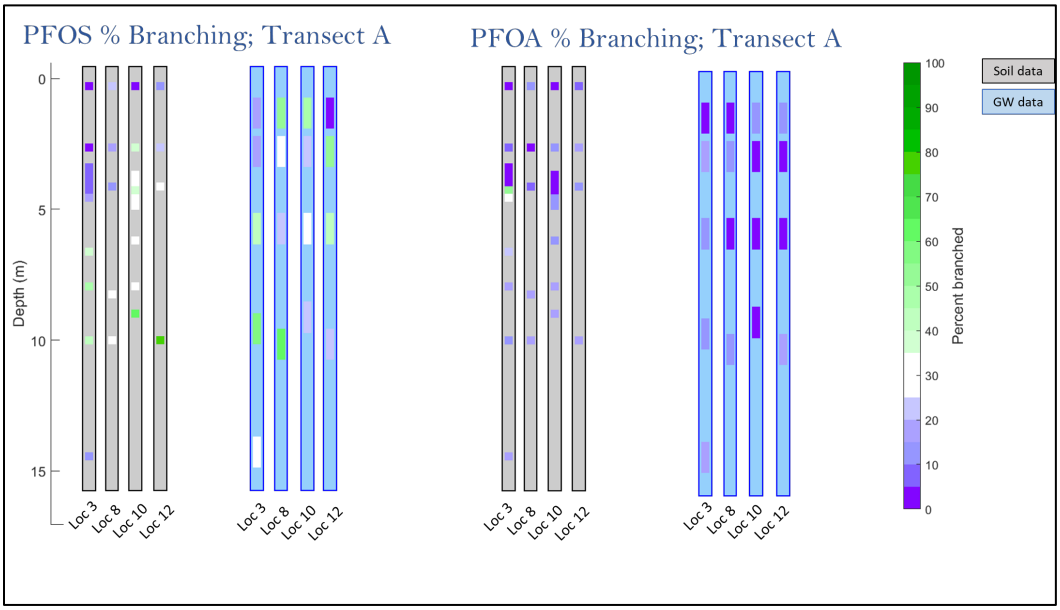


Figure 5-13. Percentage of Branched Isomers in PFOS (left) and PFOA (right) in Soil and Groundwater for Transect A.

Transport Processes: Downgradient Transport

Hydraulic gradients and PFAS data suggest groundwater flows to northeast/east in shallow sands (< 10 ft) but more easterly in deeper sands (> 20 ft). These flows have resulted in formation of a PFAS plume within the surficial aquifer, but concentrations decrease significantly with distance downgradient (see representative contours in Figures 5-14 and 5-15). A contributing factor to this attenuation is likely the decreasing thickness of the shallowest permeable sand layer with distance and diffusion into the lower-k layers, which serve to restrict migration.

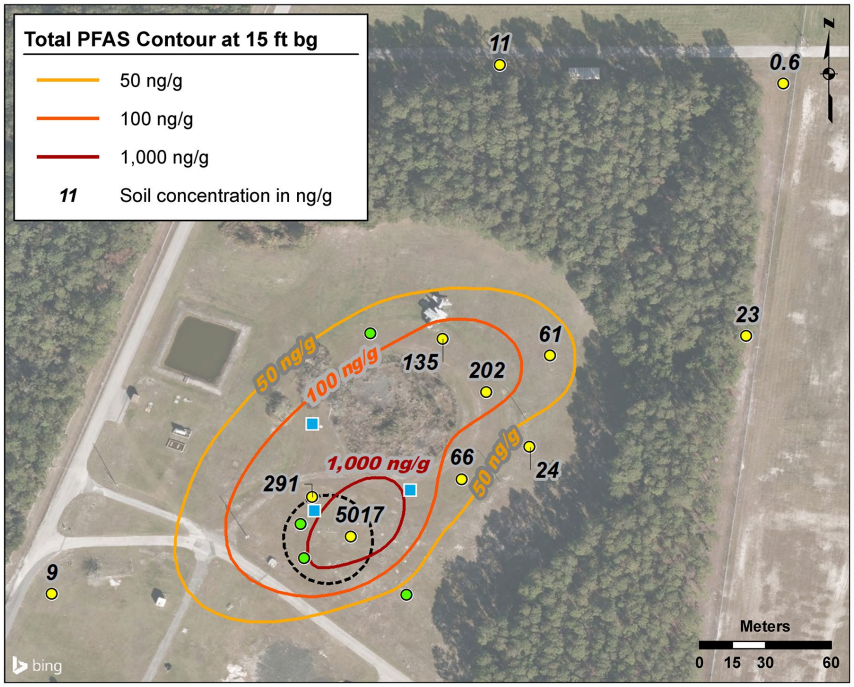


Figure 5-14. Total PFAS in Saturated Soil (15 ft bgs)

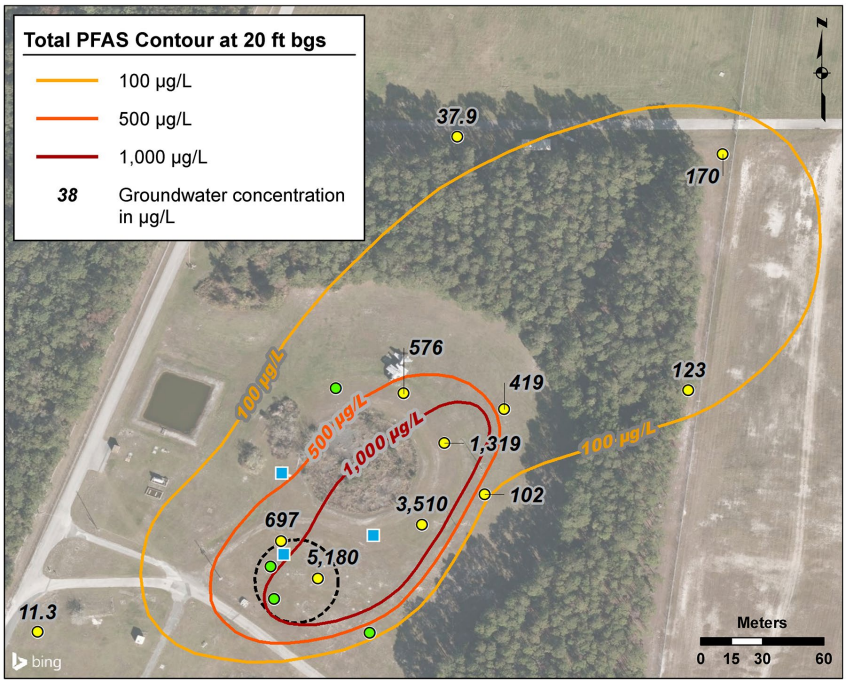


Figure 5-15. Total PFAS in Groundwater (20 ft bgs)

Precursors generally represented a lower percentage of the total PFAS concentration with distance downgradient of the source (Figure 5-13). A similar pattern was observed with depth. This confirms: 1) the likely biotransformation of the more degradable polyfluorinated precursors during

downgradient transport; and 2) the higher contribution of less mobile cationic/zwitterionic species to the total PFAS measured in the source area relative to downgradient areas.

Cationic and zwitterionic PFAS are located primarily within the source area, confirming that these precursor compounds are migrating slower than anionic PFAS as expected (Figure 5-16, Figure 5-17).

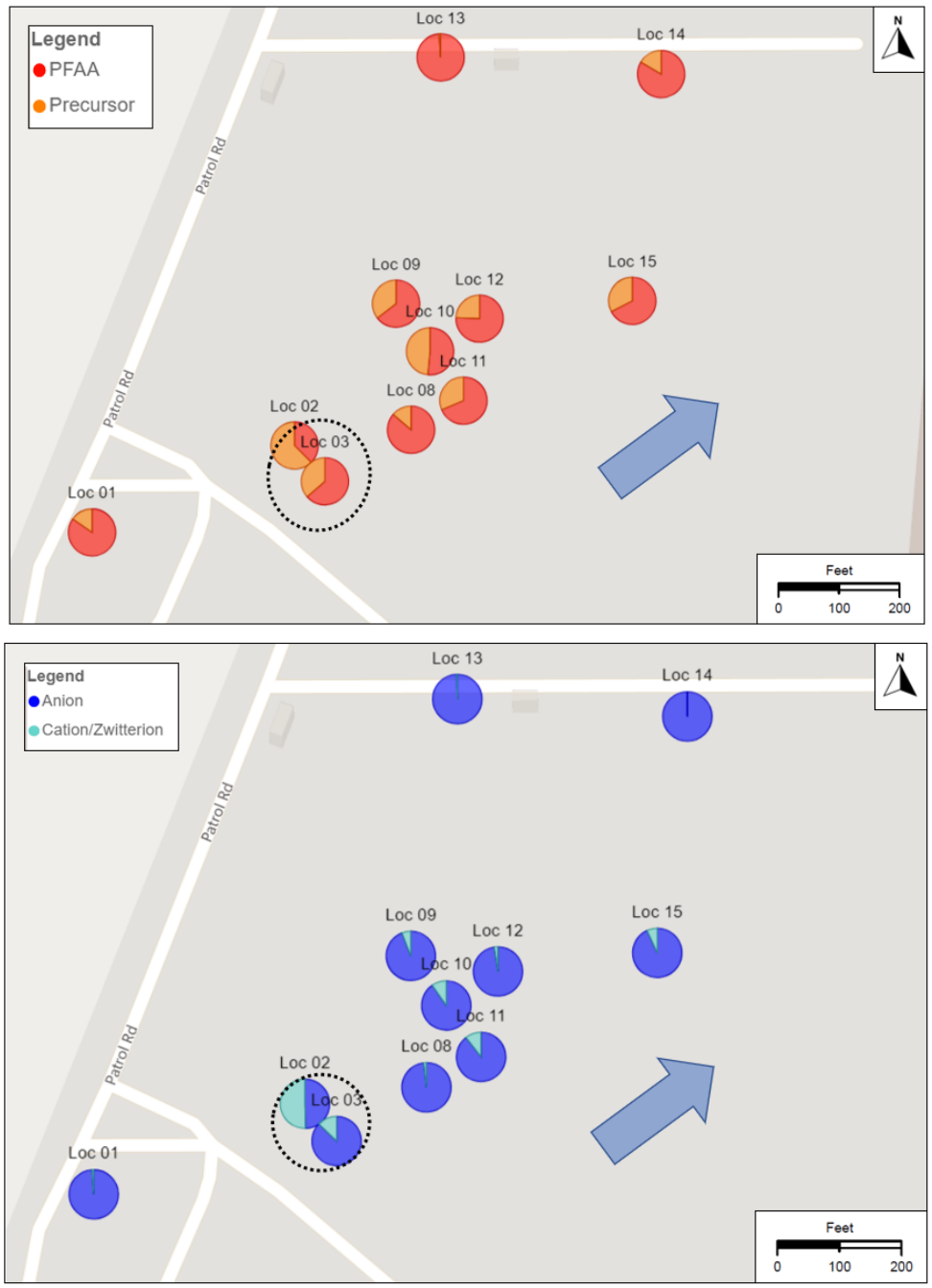


Figure 5-16: Distribution of PFAAs/Precursors (top panel) and Anions and Cations/Zwitterions in Groundwater (bottom panel).

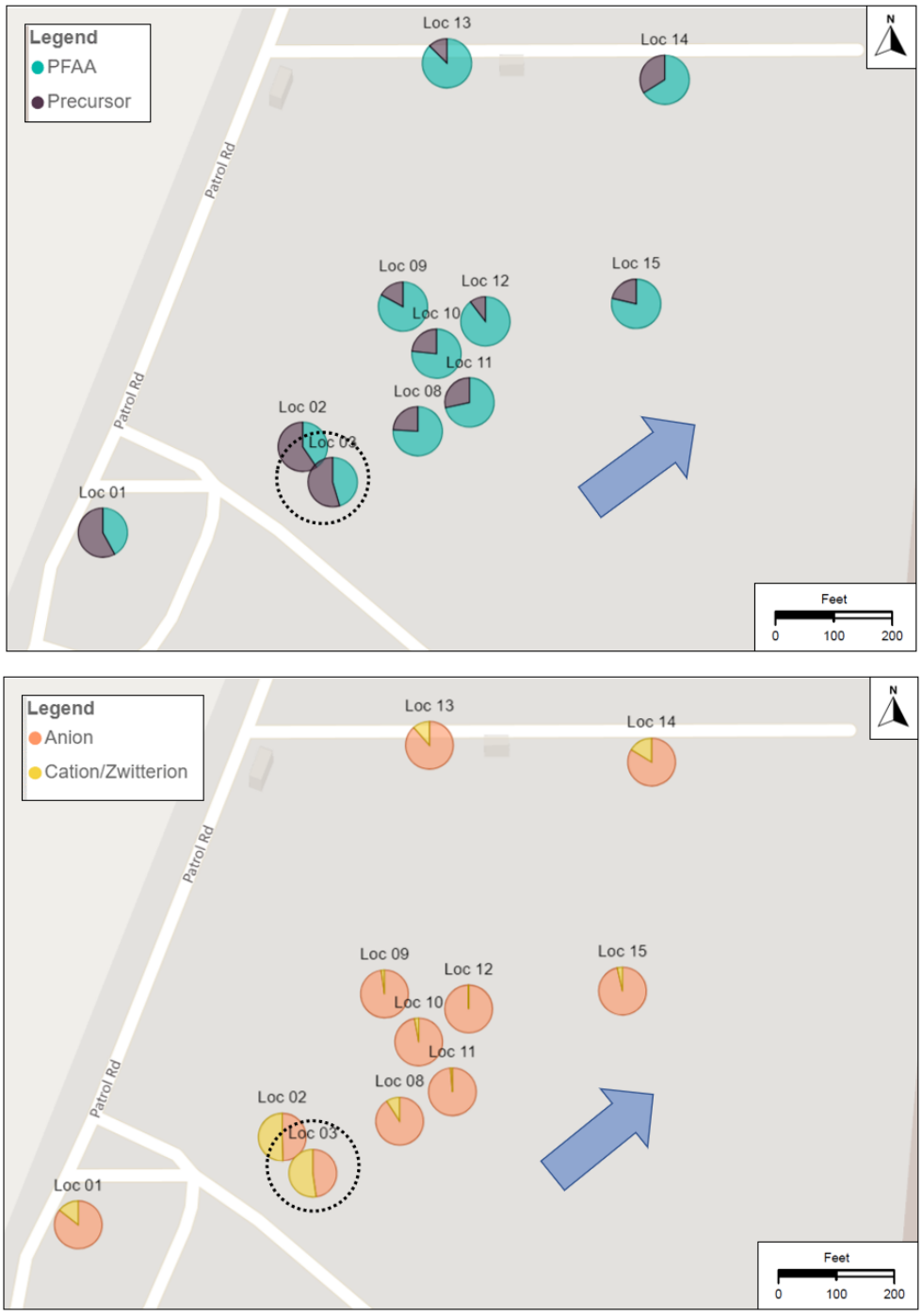


Figure 5-17: Distribution of PFAAs/Precursors (top panel) and Anions Cations/Zwitterions in Soil (bottom panel).

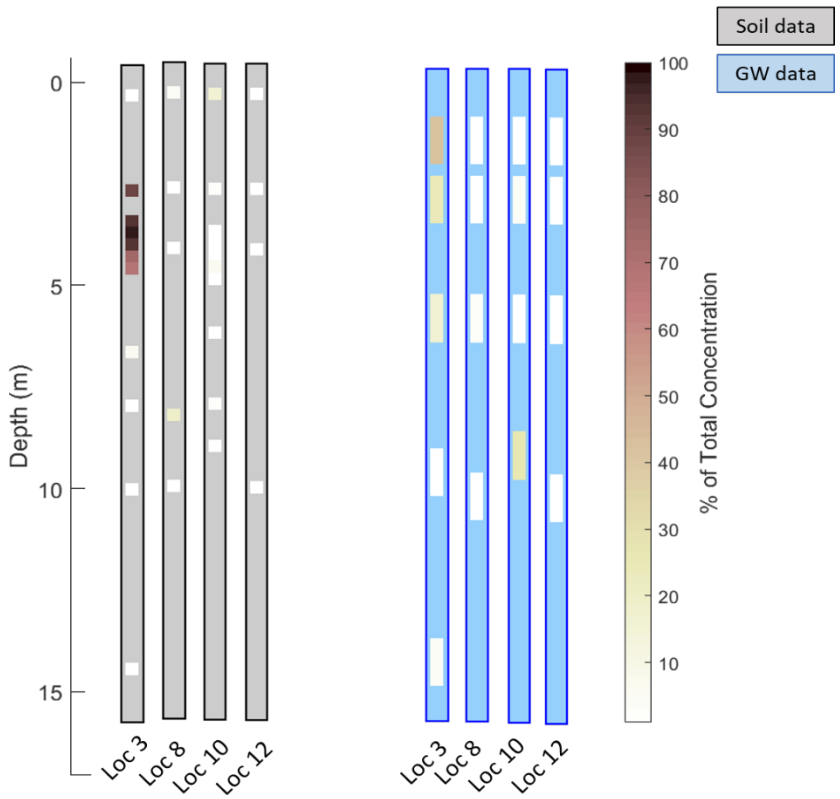


Figure 5-18. Contribution (%) of the cationic and zwitterionic PFAS to the total PFAS concentrations downgradient from the source zone along transect A.

The carbon chain length of PFASs in groundwater samples from the source area and nearby vicinity (6.05–6.74) is generally higher than in groundwater samples located near downgradient (5.82–6.75) and far downgradient (5.83–6.43) (Figure 5-19). Wilcoxon Rank Sum tests conducted on the weighted average chain lengths in the source vs. near downgradient ($p=0.69$) and source vs. far downgradient locations ($p=0.55$) were not statistically significant. Despite the lack of statistical significance, the general spatial trend is consistent with less retardation of shorter-chain compounds during groundwater transport.

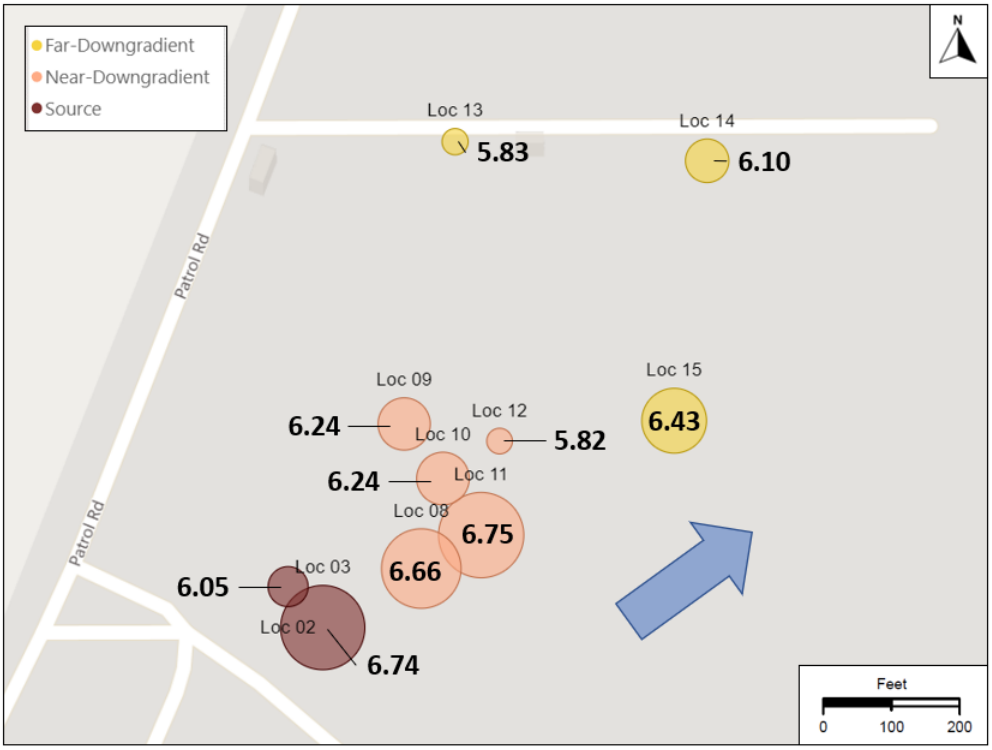


Figure 5-19: Weighted-Average Chain Lengths per Location

Finally, PFAS has been observed at several—but not all—locations along the shoreline for the St. John's River (data not shown, sampled by others). PFAS detected in the shoreline samples were solely anionic and included no precursors. Compounds with the highest concentrations were PFOS, PFHxS, PFOA, PFHxA, and PFBS.

Transport Processes: Retardation

Soil adsorption coefficients (apparent K_d values) were calculated for every sampling depth where a paired soil and groundwater sample were collected (total of 32 pairs). The apparent K_d values were calculated by dividing the total soil concentration in ng/kg (which includes both sorbed and aqueous phase mass) divided by the groundwater concentration in ng/L. This apparent K_d approach was used because some of the soil/groundwater pairs using K_d = (total mass – aqueous mass) ÷ (aqueous mass) resulted in negative K_d's. These discrepancies were attributable to scatter in the groundwater and soil data (i.e., direct measurements of soil porewater mass were not available, so groundwater data were used as a surrogate). Therefore, this simpler apparent K_d, which is sometimes used in the groundwater field as an approximate K_d, was employed here. Because it does not correct for porewater concentrations in the denominator, it is likely a slight overestimation of the actual K_d. Additionally, soil and groundwater characteristics were analyzed at those locations/depths in order to evaluate site-specific factors that may affect retardation.

Table 5-4 below summarizes results of key PFAAs (PFBA, PFHxA, PFOA, PFHxS, and PFOS), as well as the geomean values per soil type. Appendix B includes both K_d and retardation factors for all locations and compounds at NAS Jacksonville.

Table 5-4. Summary of Adsorption Coefficients and Retardation of Key PFAAs at NAS Jacksonville

	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R
Soil Type	**PFBA**		**PFHxA**		**PFOA**		**PFBS**		**PFHxS**		**PFOS**	
SP												
SP			0.1	1.2	0.2	1.8			0.3	2.5	0.4	2.8
SP	0.91	5.2	0.9	5.1	0.3	2.6	2.8	14.2	0.6	4.0	0.5	3.1
SP	0.30	2.4	0.0	1.0	0.0	1.0	0.3	2.2	0.2	2.1	0.0	1.0
SP			0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.1	0.1	1.3
SP	0.76	4.6	0.3	2.4	1.7	8.8	0.6	3.6	0.5	3.2	0.5	3.3
SP	3.00	15.0							0.3	2.3	1.5	8.2
SP	0.28	2.3	0.2	1.8	0.2	1.9	0.2	1.9	0.5	3.2	1.0	5.5
SP					0.3	2.2	0.4	2.7	0.5	3.3		
SP												
Geomean (SP)	***0.71***	***4.6***	***0.1***	***1.7***	***0.1***	***2.1***	***0.2***	***2.9***	***0.3***	***2.6***	***0.2***	***2.9***
SM			0.1	1.6	0.4	2.8	0.4	2.6	0.3	2.5	0.3	2.3
SM			0.3	2.3	0.2	2.0	0.1	1.3	0.6	3.7	0.4	2.6
SM			0.2	1.8	0.3	2.2	0.1	1.2	0.4	2.7	0.6	3.6
SM	0.51	3.3	0.0	1.1	0.2	1.9	0.0	1.2	0.4	2.7	0.3	2.2
SM	1.07	5.7	0.7	3.9	0.3	2.2	0.0	1.1	1.4	7.2	0.2	1.7
SM	0.79	4.5	1.1	6.0	0.5	3.3	0.9	5.0	1.3	6.5	0.8	4.5
SM	0.25	2.1	0.4	2.7	0.6	3.5	0.3	2.5	0.5	3.2	0.4	2.7
SM			1.4	7.3	0.8	4.5	0.3	2.3	0.7	4.0	0.3	2.4
SM									7.9	35.8		
SM			0.2	1.9			0.3	2.4	0.3	2.4		
SM					0.3	2.5	0.2	1.7	0.3	2.1	0.4	2.7
Geomean (SM)	***0.57***	***3.6***	***0.3***	***2.6***	***0.4***	***2.7***	***0.2***	***1.9***	***0.7***	***4.2***	***0.4***	***2.6***
ML			0.3	1.9			0.0	1.1	0.5	2.7	0.3	2.2
ML	0.30	2.0	0.2	1.5	0.3	2.1	0.4	2.4	0.5	2.7	0.5	2.6
ML	0.81	3.8	0.4	2.2	0.5	2.6	0.5	2.5	1.2	5.2	0.5	2.7
ML			2.1	8.1	1.2	5.0	0.4	2.5	0.9	4.0	0.4	2.5
ML			0.6	3.2	0.6	3.1	1.2	5.0	1.0	4.5	1.8	7.2
Geomean (ML)	***0.49***	***2.8***	***0.5***	***2.8***	***0.6***	***3.0***	***0.3***	***2.4***	***0.8***	***3.7***	***0.6***	***3.1***
CL			0.7	2.6	0.8	3.0	0.6	2.4	0.5	2.1	0.3	1.8
CL	4.00	10.8	6.8	17.7	15.3	38.6	9.4	24.0	21.3	53.4	4.3	11.4
CL	0.68	2.7	1.8	5.5	4.3	11.4	0.9	3.1	1.4	4.6	0.1	1.2
CL	0.48	2.2	0.9	3.3	0.8	2.9	0.4	2.1	1.3	4.1	0.0	1.0
CL	0.97	3.4	2.5	7.1	12.2	31.0	1.6	4.9	19.5	48.9	7.6	19.6
CL												
Geomean (CL)	***1.06***	***3.8***	***1.8***	***5.7***	***3.5***	***10.4***	***1.3***	***4.5***	***3.2***	***10.0***	***0.4***	***3.4***

Notes: i) Each row represents a soil-groundwater sample pair at different locations and depths.

For individual PFAS, the locations where the maximum groundwater concentration were encountered were often different than the depths/locations where the maximum soil concentrations were observed. These patterns highlight the challenges associated with fate and transport modeling that uses equilibrium assumptions for partitioning.

Overall, values of K_d varied significantly with distance, both with depth and distance downgradient. Collectively, the K_d values were generally low compared to literature values, typically below 1 before correcting based on organic carbon content. Additionally, K_d values generally increased with increasing PFAS chain length and were higher for PFSAs than PFCAs, as expected (Figure 5-20).

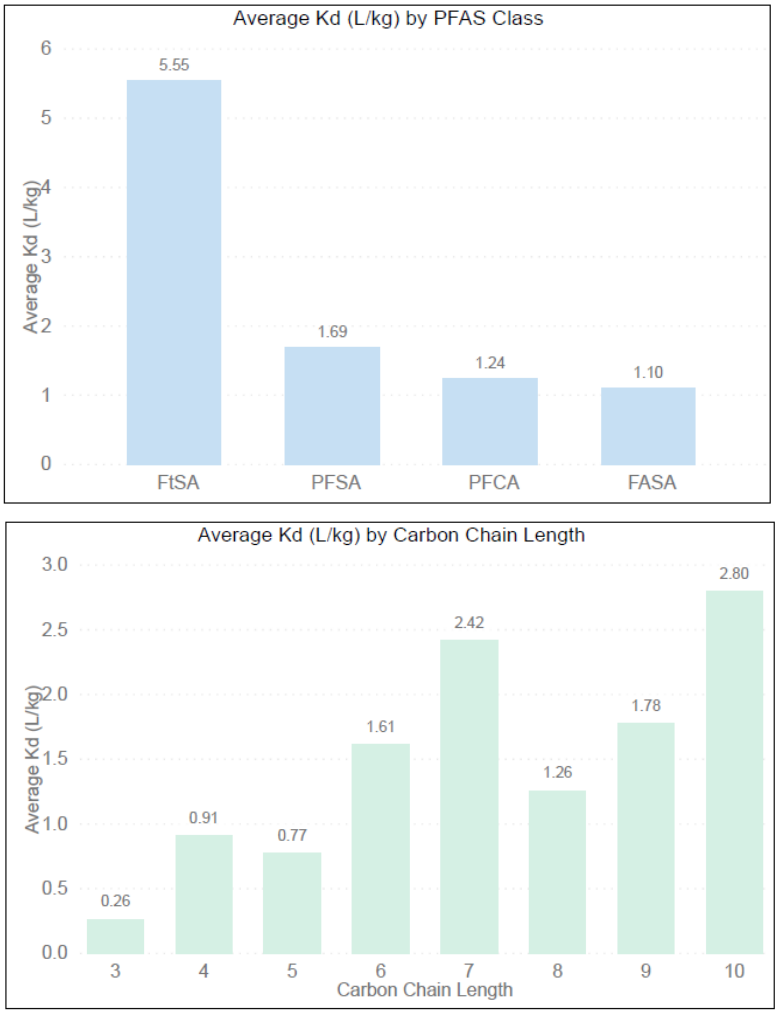


Figure 5-20. Soil to Water Partitioning Coefficient (K_d) for PFAS Based on PFAS Class (Top Panel) and Fluorinated Carbon Chain Length (Bottom Panel) at NAS Jacksonville. ***Values represent average observed in all samples collected from all locations.***

Pearson's correlation factors were evaluated for a range of PFAS (carbon chain length and PFAS class) (Figure 5-21). For most PFAS, a positive correlation with organic carbon could be established, indicating the importance of hydrophobic sorption as a mechanism for retardation (Figure 5-21). Little effect was observed for pH or EC, suggesting that partitioning due to electrostatic interactions may have been limited relative to hydrophobic sorption. In contrast to the expected inverse relationship, cation exchange capacity (CEC) was positively correlated with K_d, but this is likely due to the increased organic carbon associated with soils with higher CEC. Finally, the adsorption of some PFAS compounds can be used to predict the adsorption of other PFAS compounds, as seen in the positive correlations between specific compounds.

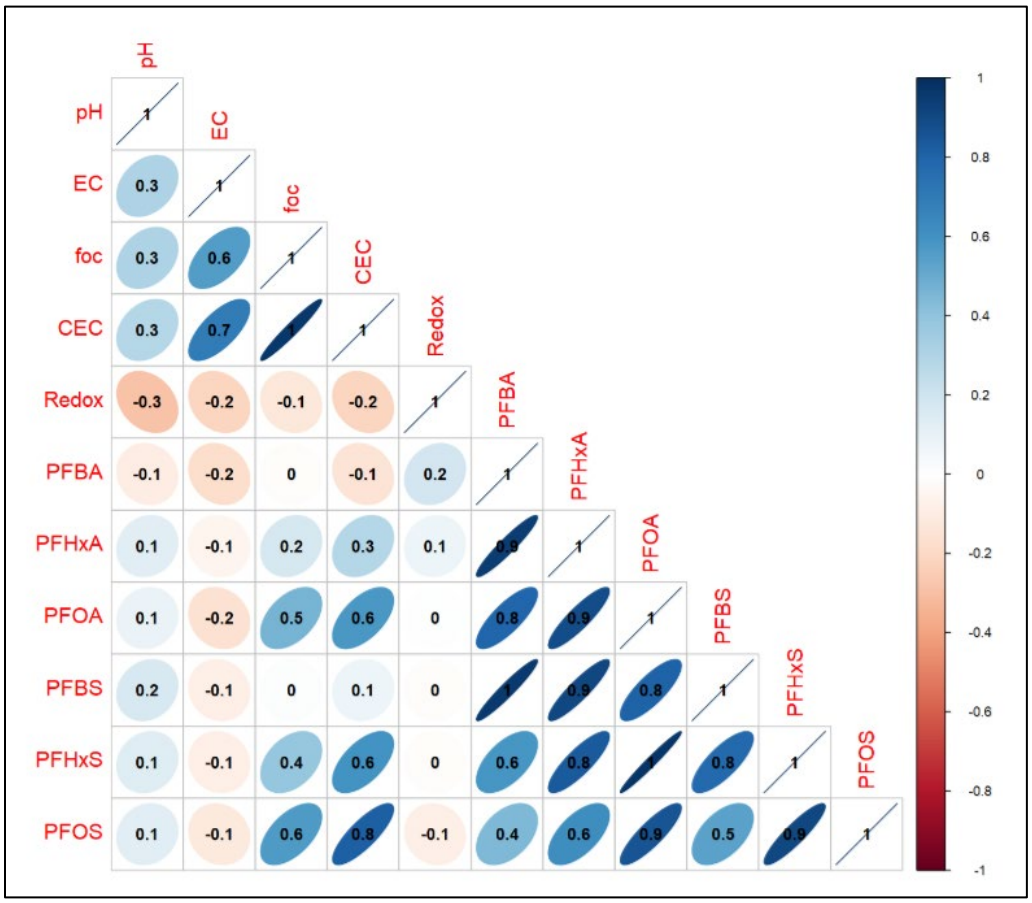


Figure 5-21. Pearson's Correlation Matrix for K_d Values for Individual PFAS vs. Various Soil/Groundwater Parameters at NAS Jacksonville. *Stronger correlations are indicated by numbers closer to 1 or -1, with positive numbers representing a positive correlation and negative numbers representing a negative correlation.*

Transport Processes: Vertical Transport

The vadose zone is thin at this site (often < 5 ft bgs), such that the retention of PFAS within unsaturated soils due to accumulation at the air-water interface or sorption to soils is likely to be limited when compared to sites with a thicker vadose zone. PFAS concentrations in surficial soils were generally lower than those observed in the shallow saturated intervals (Figure 5-9). In part, this may reflect historic remedial efforts within the FFTA, which involved excavation and treatment of surficial soils using low-temperature thermal desorption. In addition, fluctuations in the water table may have promoted periodic flushing that reduced the retention capacity of the shallow vadose zone.

Within the saturated zone, site data confirmed that there is a downward vertical gradient that would promote natural transport between shallow sands and deeper sands. Stratigraphic and geologic data confirmed that the shallow clay layer is relatively thin (a few ft) within FFTA and may not serve as a barrier for vertical transport. Historic data confirm that a groundwater mound with high recharge is present to the immediate west of the FFTA, which can promote radial flow and enhance vertical transport. PFAS data confirm that concentration of most PFAS increase with depth to

about 35 ft bgs. This pattern was observed regardless of whether the samples were collected using DPT (grab samples) or from multi-level temporary piezometers (i.e., the trend was not the result of drawdown of PFAS from shallow depths during drilling). PFAS data also confirm that branching percentages of certain ECF-associated compounds increases with depth to 35 ft bgs, confirming that differential transport of more mobile isomers (i.e., branched) is occurring.

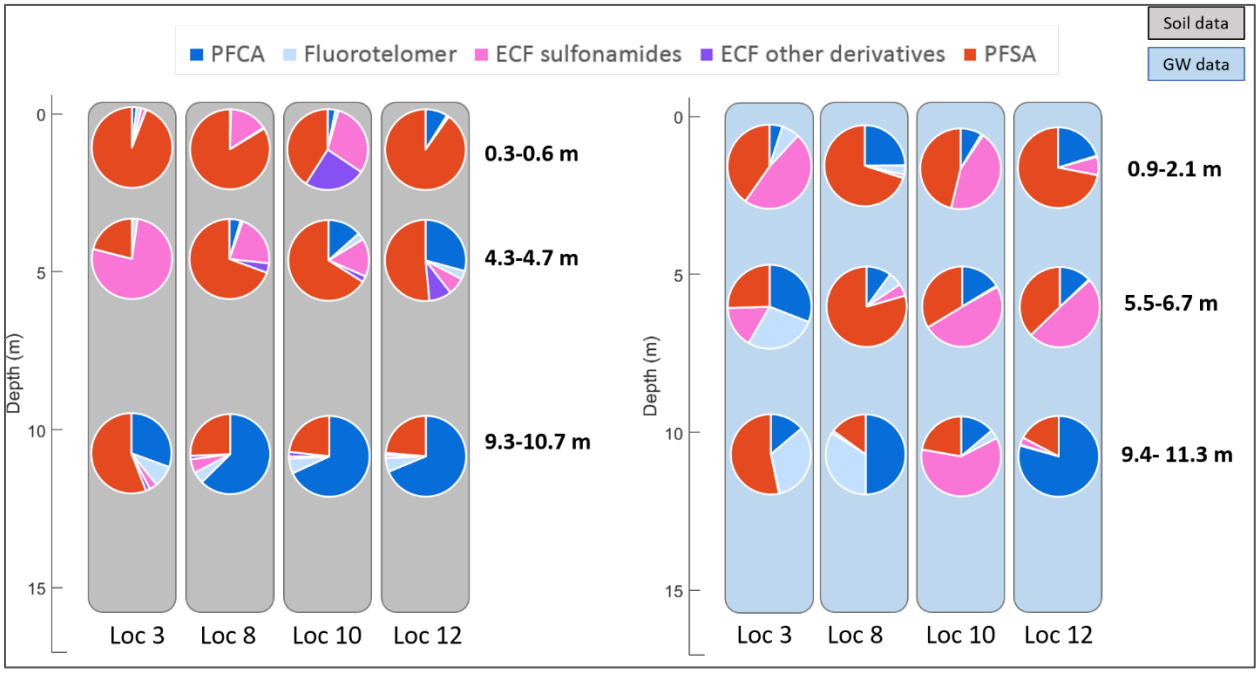


Figure 5-22. PFAS composition changes with depth and distance from the source zone (Location 3) for soil and groundwater along Transect A. *For this graphic, total PFAS concentrations have been split into five superclasses: 1) perfluorinated carboxylates (PFCAs), 2) perfluorinated sulfonates (PFSAs), 3) fluorotelomer-derived compounds, 4) electrochemical fluorination (ECF)-derived sulfonamides, and 5) ECF other derivatives.*

For both soil and groundwater, PFAS composition changes were observed with depth and distance from the source zone (Figure 5-22). PFCAs represented a greater contribution to the total PFAS mass with depth at all locations in soil samples and two of four locations in groundwater samples. Differences between the matrices are potentially due to transformation of fluorotelomer precursors in groundwater. The contribution of ECF sulfonamides, which were primarily of zwitterionic and cationic PFASs, was highest at mid-range depths, coinciding with layers of silt and clay with higher measured values of cation exchange capacity. Only a small percentage of the total PFAS concentration was represented by fluorotelomer compounds, presumably because the AFFF formulations were primarily ECF-derived and/or fluorotelomer compounds had already been transformed to PFAA end products. For the latter case, this would imply that fluorotelomer precursors transform more rapidly than ECF-derived precursors.

Linear and branched isomeric compositional data were also collected for selected PFAS, and the magnitude and spatial distribution of these ratios also provide insight into site history, AFFF formulations used (ECF vs fluorotelomer), transport, and precursor transformation. In both soil and groundwater, enrichment of branched PFOS was observed with downgradient distance from

the source and with depth (Figure 5-13). Enrichment of branched PFASs is consistent with previous studies that have shown that branched isomers are less retarded than their linear counterparts. In soil, only the shallowest samples contained <30% branched PFOS isomers (3-21%), consistent with less retention of branched isomers. The percentage of branched PFOS isomers was more sporadic in groundwater (0-75%), likely as a result of transformation, sorption to soil, and transport across the plume. In addition to differential transport, isomer-specific transformation of precursors is also possible.

The % branching profile for PFOA was different from PFOS, with most soil and groundwater samples containing <20% branched PFOA isomers regardless of location and depth of sampling. The low proportion of branched isomers suggests that at least some PFOA presently in the subsurface was derived from transformation of linear fluorotelomer precursors, as discussed in more detail later in this section.

Transport Processes: Evidence for Matrix Diffusion

The depth-discrete PFAS data, as reflected in the cross-sections, indicated that total PFAS concentrations were generally higher in shallow clay/silt sublayers relative to adjacent sandier sublayers. This suggested that PFAS mass storage due to diffusion and/or sorption.

Compartmental modeling of this dataset was performed as part of a companion study and was published in Adamson et al. (2020). In this case, it was important to distinguish soil intervals contain PFAS primarily due to advection vs. primarily due to diffusion. Hydraulic conductivity of the four main soil types at the site were estimated and showed clean sand (SP) is dominated by advection while the remaining soil types can be considered low-permeability and likely dominated by diffusion. Based on this evaluation, 82% of the total PFAS mass was found to be associated with soils classified as lower permeability. This percentage was even higher for precursors (91%). The PFAS distribution confirmed that that there has been sufficient time to cause retention of most of the remaining PFAS mass within lower-permeability (lower-k) zones. This is particularly notable within the source area, given that 93% of the total PFAS mass (and 99% of the precursor mass) was found to be associated with lower-permeability soils. Radial flow and vertical gradients observed within the source area likely contributed to migration of PFAS to interfaces between high and low permeability zones. PFAS mass that is now located in these lower-permeability zones is subject to enhanced, long-term retention due to the lack of flushing and the relatively slow back diffusion rates that would be expected. Back diffusion from low-permeability matrices has been shown to be a major contributor to plume persistence for other compounds, and these results suggest that it is likely to be a relevant fate and transport processes at some PFAS sites as well.

The mass balance evaluation reported in Adamson et al. (2020) also confirmed that significant retention of zwitterionic and cationic PFAS within low-permeability zones was observed at this site. Only 6% of the estimated total mass of zwitterionic/cationic PFAS was present in the most permeable sands. This was likely attributable to the higher cation exchange capacity (CEC) and higher organic carbon that were measured in the silt and clay-rich portion of the groundwater-bearing unit. These precursors may be persistent due to limited bioavailability within lower-k soils where mass transfer limitations would be an issue. These mechanisms likely contribute to the observed persistence of precursors within the source area and limit the rate of conversion to PFAA end products.

Evidence for Biotransformation of Precursors

Several presumed biotransformation products have peak concentrations at intermediate locations from the source. This includes the fluorotelomer sulfonates (4:2 FTS, 6:2 FTS, and 8:2 FTS), which are at the highest concentrations of all fluorotelomer compounds in both soil and groundwater. These compounds are suspected intermediates the transformation of other precursors because they are generally not a major component of AFFF or other PFAS sources. The fluorotelomer sulfonates are present in both soil and groundwater, but while the highest soil concentrations are found near the source, the highest aqueous-phase concentrations are found a considerable distance from the source at Location 11. This suggests transformation is occurring along the downgradient flow path from the source.

Production of PFOS from perfluoroalkyl and polyfluoroalkyl sulfonamide derivatives is expected based on existing aerobic soil biotransformation studies. Several C8 ECF-sulfonamides were detected at the site, including TAmPr-FOSA, AmPr-FOSA, TAmPr-FOSAPrA, and these may be PFOS precursors.

The low proportion of branched isomers indicates that some portion of PFOA presently in the subsurface was derived from transformation of linear fluorotelomer precursors. In addition, sulfonamide-based ECF PFASs can be precursors to PFSAs, but amide-based ECF PFASs may also be precursors to PFCAs. For example, N-dimethyl ammonio propyl-perfluorooctane amide (AmPr-FOAd, a C8 amide) is a potential precursor to PFOA and was detected at 399 ng/g at Loc 3-12 ft bgs soil. Other soil samples from this same location (e.g., Loc 3-15 ft) contained higher percentages of branched PFOA than the rest of the site, which could be related to transformation of branched AmPr-FOAd or other amide-based ECF precursors.

Given the relatively high concentrations of ECF-derived precursors observed at this site, the data suggest that these compounds may transform more slowly than fluorotelomer-derived precursors. Increases in the PFHxS:PFOS ratio with distance have also been used in other studies as an indicator of biotransformation along the groundwater flow path, and this pattern was observed at this site.

Evidence was also observed of specific transformation pathways, specifically patterns where compounds that were found at higher concentrations in downgradient soil and, in some cases, groundwater (relative to the source zone) that were suspected to be a result of transformation. Although transport can also result in higher concentrations downgradient, the source zone soil typically acts as a long-term source to the groundwater due to retention processes (e.g., partitioning, diffusion). Evidence of specific transformation pathways included identification of precursors that would result in the formation of perfluorohexane sulfonamide (FHxSA), including N-dihydroxy propyldimethyl ammoniohydroxymethyl propyl-perfluorohexane sulfonamido propyl sulfonate (DiOHPrAm-MeOHPr-FHxSAPrS), N-sulfopropyl dimethylammoniopropyl perfluorohexane sulfonamido propyl sulfonate (SPrAmPr-FHxSAPrS), N-hydroxyethyl dimethylammoniopropyl perfluorohexane sulfonamido propylsulfonate (EtOH-AmPr-FHxSAPrS), and other ECF sulfonamide-based zwitterions that potentially undergo transformation to form. These zwitterionic precursors were detected in AFFFs in Barzen-Hanson et al. (2017). The perfluoroalkyl sulfonamides are of particular interest because they can be precursors to PFSAs under certain conditions and have been detected at high environmental

concentrations. Although transformation of these particular zwitterions has not been previously reported, Mejia-Avendaño et al. (2017) did report the transformation of a structurally-similar perfluorooctane sulfonamide quaternary ammonium compound to FOSA. Figure 5-23 shows one possible transformation pathway where FHxSA is formed via sequential cleavage of the alkyl group at the tertiary and then secondary sulfonamide. This is similar to the perfluorooctane sulfonamidoethanol transformation pathway proposed in Rhoads et al (2008).

All of the zwitterionic PFASs in Figure 5-18 were primarily encountered in soil and groundwater samples from the source area, while their potential transformation products were detected at higher concentrations in groundwater and soil downgradient of the source. The intermediate SPr-FHxSA was not detected in soil samples from the source area Location 3, but it was in sporadic downgradient soil samples as well as most groundwater locations. This compound is likely more mobile due to its two negative charges at environmental pH, which increases its tendency to partition to the aqueous phase.

FHxSA was prevalent in both soil and groundwater. In many samples, its concentration was among the highest anionic PFASs. While the samples with the highest concentrations of zwitterionic and cationic precursors were encountered in the source area, the soil sample with the highest concentration of anioic FHxSA was farther downgradient at Location 8 in the near surface sample (448,000 ng/kg). In addition, the farthest downgradient wells still contained FHxSA. This suggests that FHxSA is an in situ transformation product. Groundwater concentrations of FHxSA were also higher downgradient, suggesting that transformation of this compound has occurred during groundwater transport. These results illustrate that FHxSA and other FASAs are important analytes for site characterization because they can provide insight on in situ transformation. Previous studies have reported perfluoroalkane sulfonamides in an AFFF-impacted drinking water supply, AFFF-impacted groundwater, and surface water (D'Agostino and Mabury, 2017, Xiao et al., 2017; Rodowa et al., 2020). The findings herein support previous hypotheses that these compounds are associated with in situ biotransformation processes.

Note that while the zwitterions listed above all contain a propyl sulfonate group, there are many other zwitterionic and cationic compounds which contain the perfluoroalkyl sulfonamide chain and could therefore be precursors to FHxSA and eventually lead to the formation of PFHxS. For example, compounds in the classes TAmPr-N-MeFASA and TAmPr-FASA were among the highest concentrations at source area Location 3. Specifically, the C6 homologs TAmPr-N-MeFHxSA and TAmPr-FHxSA were present at concentrations of 2800 ng/g and 2200 ng/g, respectively, in soil, and at 170 ug/L and 58 ug/L, respectively, in groundwater at 13 ft bgs.

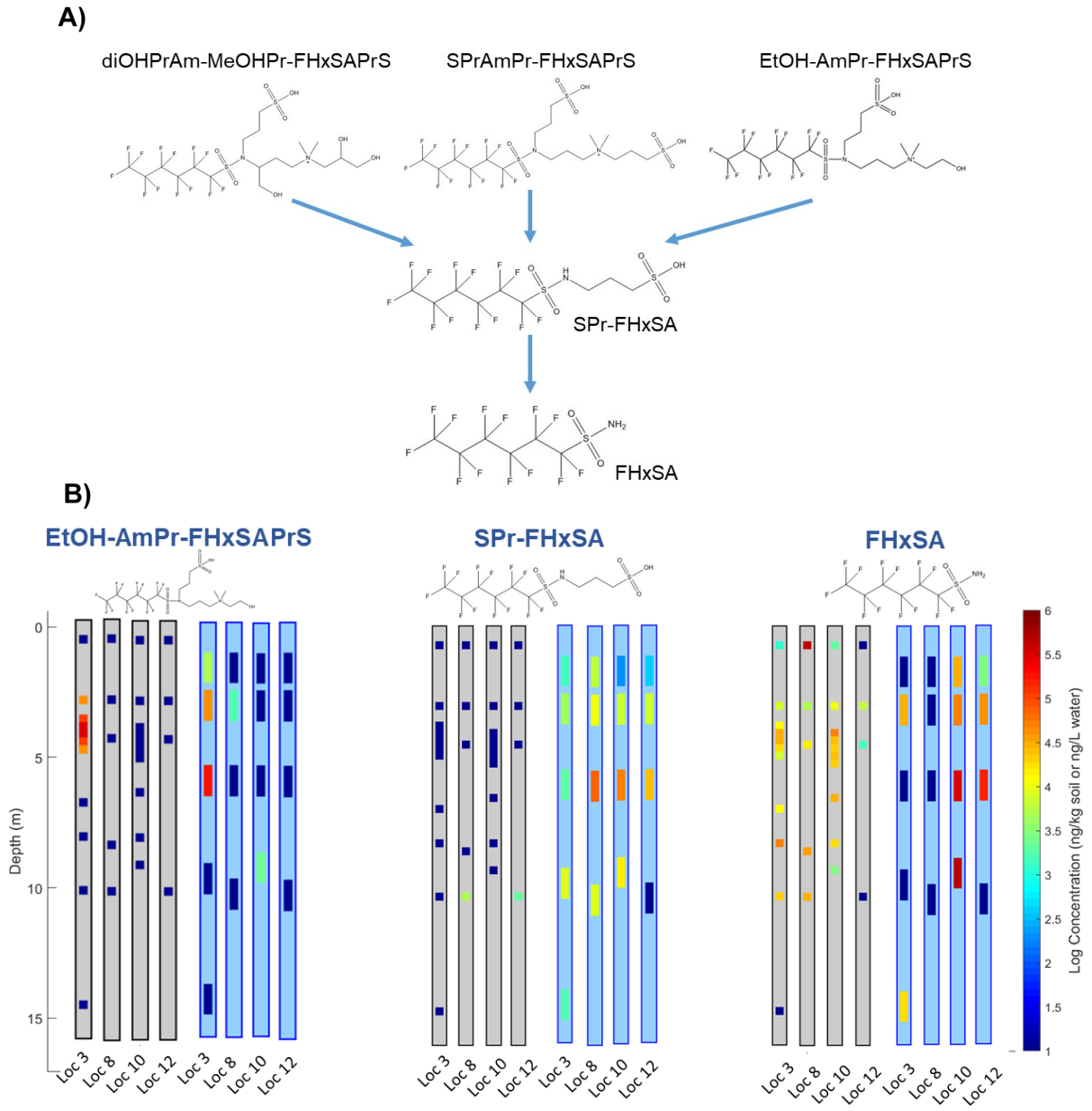


Figure 5-23. The proposed transformation pathway is EtOH-AmPr-FHxSAPrS→ SPr-FHxSA→ FHxSA, along with other potential precursors detected in soil samples (Panel A). *Concentration profiles of possible transformation products in soil and groundwater are shown along transect A (Panel B: soil data in gray bars, groundwater data in blue bars).*

Differentiate AFFF and non-AFFF Sources

PFAS compositional data confirm that multiple types of AFFF have been used within the investigation area. Signature compounds of ECF-based AFFF have been identified, and PFOS is present at or above the expected branching pattern (particularly at the surface). Signature compounds of fluorotelomer foams and other fluorotelomer-based products are also present, and

PFOA branching patterns (< 20% in many samples) confirm that some PFOA is likely originating from a non-3M AFFF source (especially at the deepest intervals). Within the source area, PFOS and PFHxS were typically the highest concentration PFAAs in soil, along with PFOA and PFHxA. PFCAs and PFSAs of multiple chain lengths were both well represented in most samples, with the latter generally at higher concentrations. However, ECF-based sulfonamides (predominantly C6 compounds) and other ECF-based derivatives were frequently present at higher concentrations than PFAAs, as well as fluorotelomers in soil and (to a lesser extent) in groundwater, The primary fluorotelomer sulfonates present were 6:2 FTS and 8:2 FTS.

PFAS was present at all locations, but the background locations (L16 and L17) contained relatively low levels in both soil and groundwater. The number of different precursor compounds detected in some samples are consistent with not only multiple types of AFFF but also raise the possibility of other PFAS sources. For example, in the soil and groundwater samples from location L3 (the presumed source area), a total of 147 different compounds were detected in soil and 61 different compounds were detected in groundwater. Background locations were dominated by anionic compounds, which were largely similar to those detected in the source area (see Figure 5-24 Venn diagram). The compounds that were unique to the background locations included several longer-chain fluorotelomers in soil (10:2 FTSi, 11:2 FTCA, 12:2 FTCA). The presence of these compounds suggests that alternative PFAS sources may have contributed to the observed PFAS, although a source cannot be readily identified. For example, shorter chain fluorotelomer intermediates that have been proposed to be diagnostic of landfill leachate (e.g., 5:3 FTCA) could not be detected at any location. Sulfonamides that are generally not expected to be associated with AFFF (e.g., MeFOSA, EtFOSA, corresponding sulfonamidoacetic acids) were detected sporadically and only at trace levels, although FOSA (a potential degradation product) was detected more consistently at multiple locations, albeit at relatively low levels. Given that many of the unique compounds to the background (as well as source area) locations were identified through suspect screening, care should be taken when using these data for forensic purposes.

Location L1 was slightly upgradient of the firefighter training area and relatively proximate to the wastewater treatment plant. However, due to the radial flow directions in this portion of the site, contributions from the firefighter training area releases were expected at location L1. The data generally support this assumption, especially given the relatively higher concentrations observed in groundwater (maximum total PFAS concentration = 190,000 ng/L). However, soil concentrations were generally lower in magnitude, and the maximum total PFAS concentration (37,800 ng/kg) was encountered at a depth of 34.5 ft bgs. The total concentration of precursors, as well as the relative contribution to the total PFAS concentration, increased with depth at this location. Because many of the precursors were zwitterionic/cationic and expected to be less mobile, a portion of these may have originated from releases that are relatively close to location L1, with an assumption that anionic PFAAs or other more mobile species had already been transported away from this location due to high recharge. Detections that were unique to location L1 included PFCPeCA (perfluoro cyclopentane carboxylic acid) and PFOSi (perfluorooctane sulfinate).

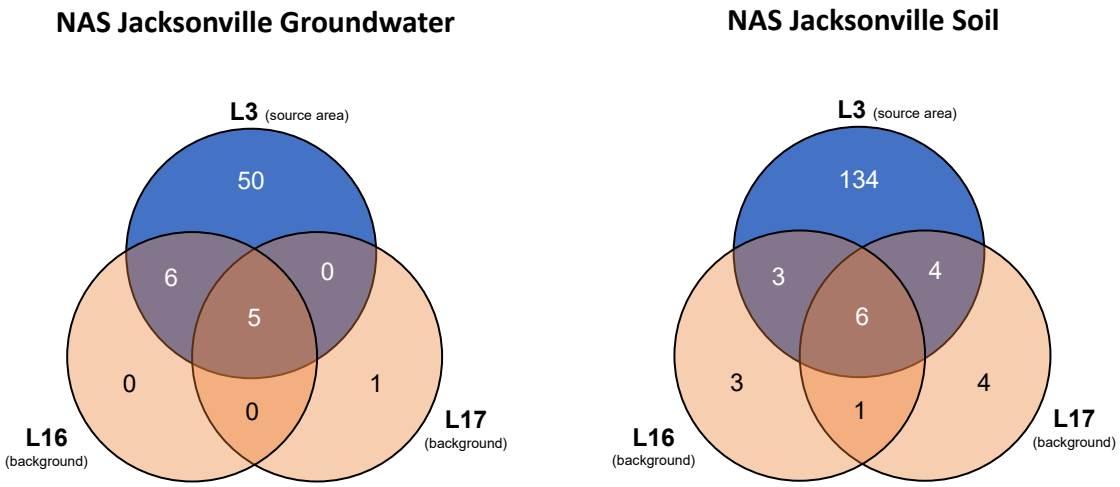
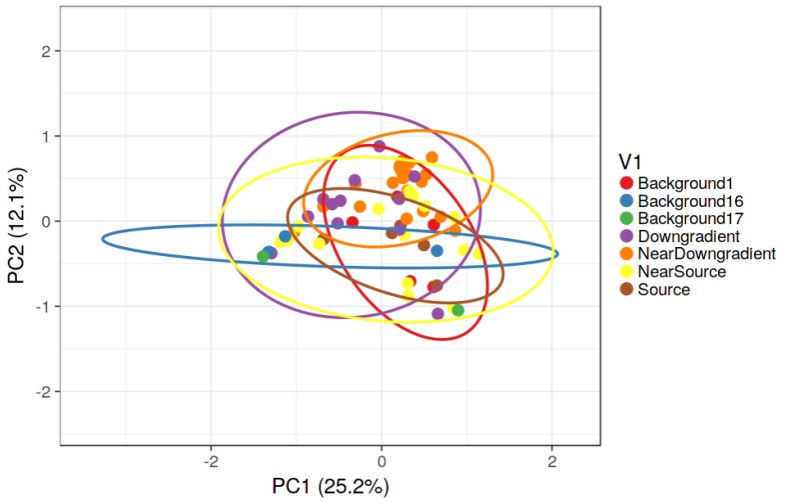


Figure 5-24. Comparison of Detected Compounds at Selected Locations in Groundwater (Left Panel) and Soil (Right Panel) from NAS Jacksonville.

At the other, more distant background locations (Locations L16 and L17), the presence of zwitterionic/cationic PFAS in the source area and relative absence of zwitterionic/cationic PFAS in background locations serves as a secondary line of evidence for differentiating between the AFFF source and other diffuse sources. Specifically, the absence of zwitterionic/cationic species in background locations provides further evidence that the PFAS present in these locations derives from a non-AFFF source, potentially through a different application or transport route.

Cluster analysis provided mixed evidence that different PFAS sources were contributing to the observed patterns. PCA results for unfiltered soil and groundwater data are shown in Figure 5-25 highlight that there is substantial overlap in the confidence intervals for source area locations vs. those from background locations. In part, this reflects the variability in the PFAS composition at different individual locations that are within the same groupings. The soil data show more distinct separate clustering of the source area data relative to the two primary background locations (L16, L17). However, PCA1 and PCA2, which are primarily associated with PFAAs for these datasets, only explain 22.9% and 37.3% of the variance for soil and groundwater data, respectively. This reflects the large number of variable (analytes) that are included in the unfiltered analysis and confirms that further processing of the data is warranted.

NAS Jacksonville - GROUNDWATER
No filtering (all analytes)
Source = L3
Background1 = L1
Background16 = L16
Background17 = L17
Near Source = L2, L24, L25, L26, L4, L5, L6, L7
Near Downgradient = L8, L9, L10, L11, L12
Far Downgradient = L13, L14, L15



NAS Jacksonville - SOIL
No filtering (all analytes)
Source = L3
Background1 = L1
Background16 = L16
Background17 = L17
Near Source = L2, L24, L25, L26, L4, L5, L6, L7
Near Downgradient = L8, L9, L10, L11, L12
Far Downgradient = L13, L14, L15

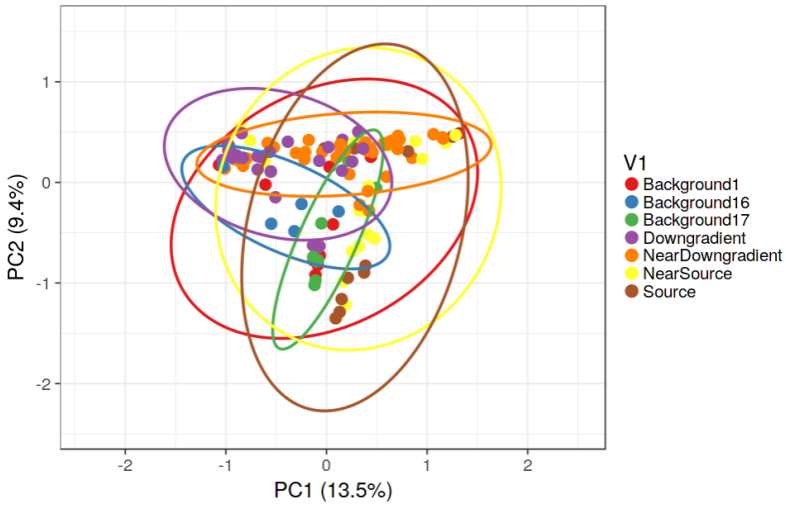


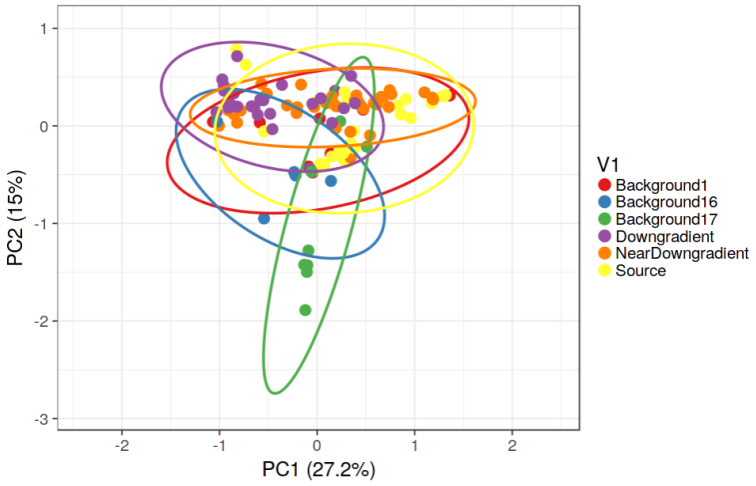
Figure 5-25. Principal Component Analysis for Groundwater Data (Top Panel) and Soil Data (Bottom Panel) from NAS Jacksonville. *Analyses performed on transformed data from all locations and included all reported analytes (unfiltered).*

Filtering the soil data to include only target analytes (Figure 5-26, top panel) and to include only select locations (Figure 5-26, bottom panel) provided further resolution and insight. By reducing the number of variables to only target analytes, the source area data clusters similarly with the near downgradient and downgradient location data, suggesting that these are represent similar PFAS sources even accounting for transport-related compositional shifts. Location L1 also falls within this group, which is consistent with the assumption that PFAS at this location is likely partially associated with the firefighter training area due to radial flow within this area. Data from the primary background locations (L16 and L17) largely fall into clusters that are different than those associated with the AFFF source area, with the exception of a few samples. This clustering pattern becomes even more apparent when only the data from source area location L3 and background location L16 and L17 were included (Figure 5-26, bottom panel). The confidence intervals for the background locations are similar and overlap with only a small portion of the confidence interval

for the source area locations. The variability explained by PCA1 and PCA2 is slightly higher for these two evaluations (42.2% and 34.7%), but these results help illustrate the complexity of these datasets given the degree of spatial variability of PFAS concentrations.

A similar pattern is noted in the HCA results, where the background samples group similarly and are relatively distinct from those from the source area. Collectively, these data support that the PFAS detected at the background locations at this site are unrelated to the releases associated with the firefighter training area, and that the PFAS may have come from non-AFFF sources.

NAS Jacksonville - SOIL
Filtered—includes only target analytes
Source = L3, L2, L24, L25, L26, L4, L5, L6, L7
Background1 = L1
Background16 = L16
Background17 = L17
Near Downgradient = L8, L9, L10, L11, L12
Far Downgradient = L13, L14, L15



NAS Jacksonville - SOIL
Filtered—includes select locations
Source = L3
Background16 = L16
Background17 = L17

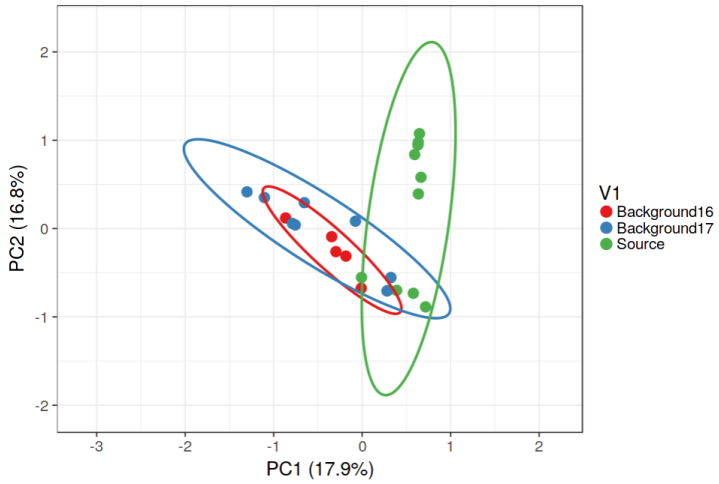


Figure 5-26. Principal Component Analysis for Soil Target Analyte Data from All Locations (Top Panel) and Soil Target and Non-Target Data from Select Locations (Bottom Panel) from NAS Jacksonville. *Analyses performed on transformed data.*

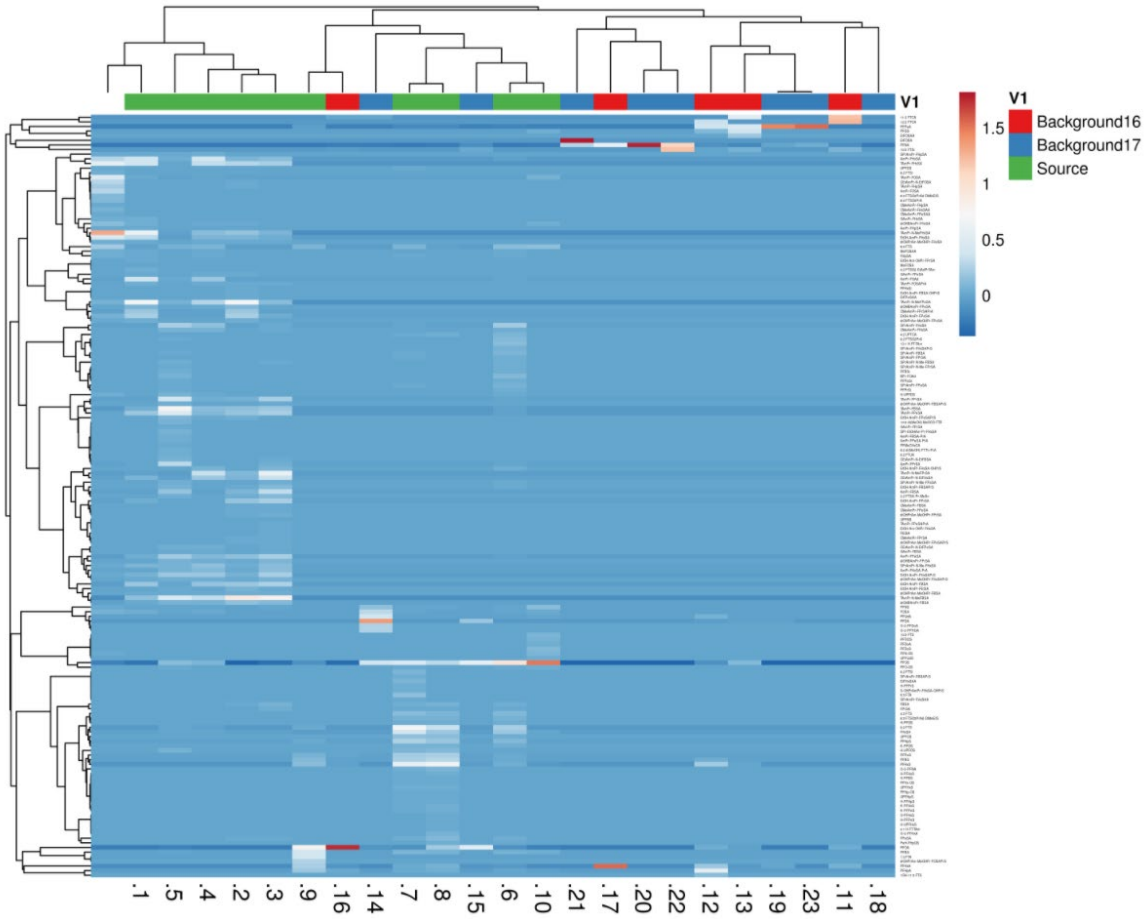


Figure 5-27. Hierarchical Cluster Analysis for Soil Target and Non-Target Data from Select Locations from NAS Jacksonville. *Analyses performed on transformed data.*

PIGE vs. Total PFAS Concentrations

PIGE results for 43 samples were compared to the Total PFAS concentrations in groundwater. As seen in Figure 5-28 below, the relationship is moderately linear, with an r2 of 0.57. The Spearman's Correlation Coefficient indicated that the relationship is statistically significant ($p<0.05$). As such, results from this site indicate that PIGE could be used reasonably well to conduct site characterization for groundwater.

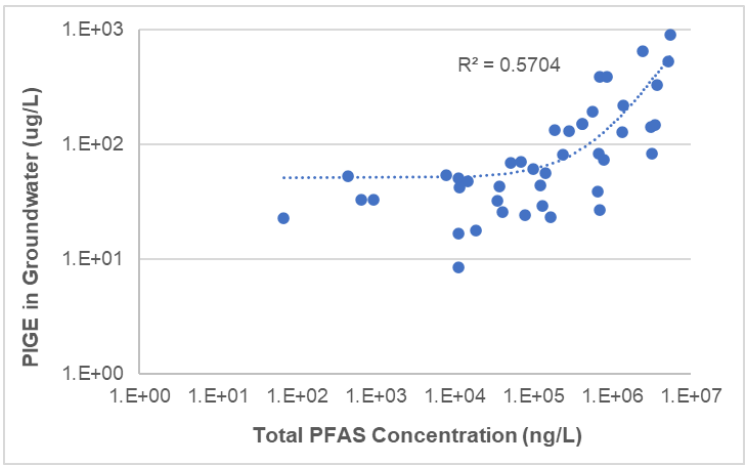


Figure 5-28. PIGE in Groundwater vs. Total PFAS. Log-scale axes with best fit line from linear regression.

Conceptual Site Model

The spatial patterns in PFAS data were used to develop a Conceptual Site Model that identifies the relevant transport processes, the potential for migration, and active natural attenuation mechanisms at the site (Figure 5-29). This can include retardation due to various mechanisms, as well as biodegradation of polyfluorinated compounds which may serve as precursors to PFAAs. As described above, PFAS concentrations were generally highest in shallow saturated soils, in part due to the presence of low-permeability soils that helped limit transport. PFAS was present at elevated levels in surface soils, but the contribution of vadose zone processes was limited by the shallow water table and previous soil excavation and treatment efforts. PFAS retention within the source area can be attributed to mechanisms such as retardation due to the partitioning of PFAS to solid-phase surfaces as a result of hydrophobic and electrostatic interactions, and slow advection and diffusion into shallow lower-permeability soils. These processes were particularly evident for zwitterionic/cationic precursors, which were strongly retained within source area soils with low permeability. The groundwater plume was largely comprised of PFAAs, and the presence of intermediates of suspected biotransformation pathways confirmed that this mechanism was active within the plume. Collectively, these processes contribute to attenuation of PFAS concentrations moving away from the source, with decreases in concentration of several orders of magnitude observed between the source area and the farthest downgradient locations.

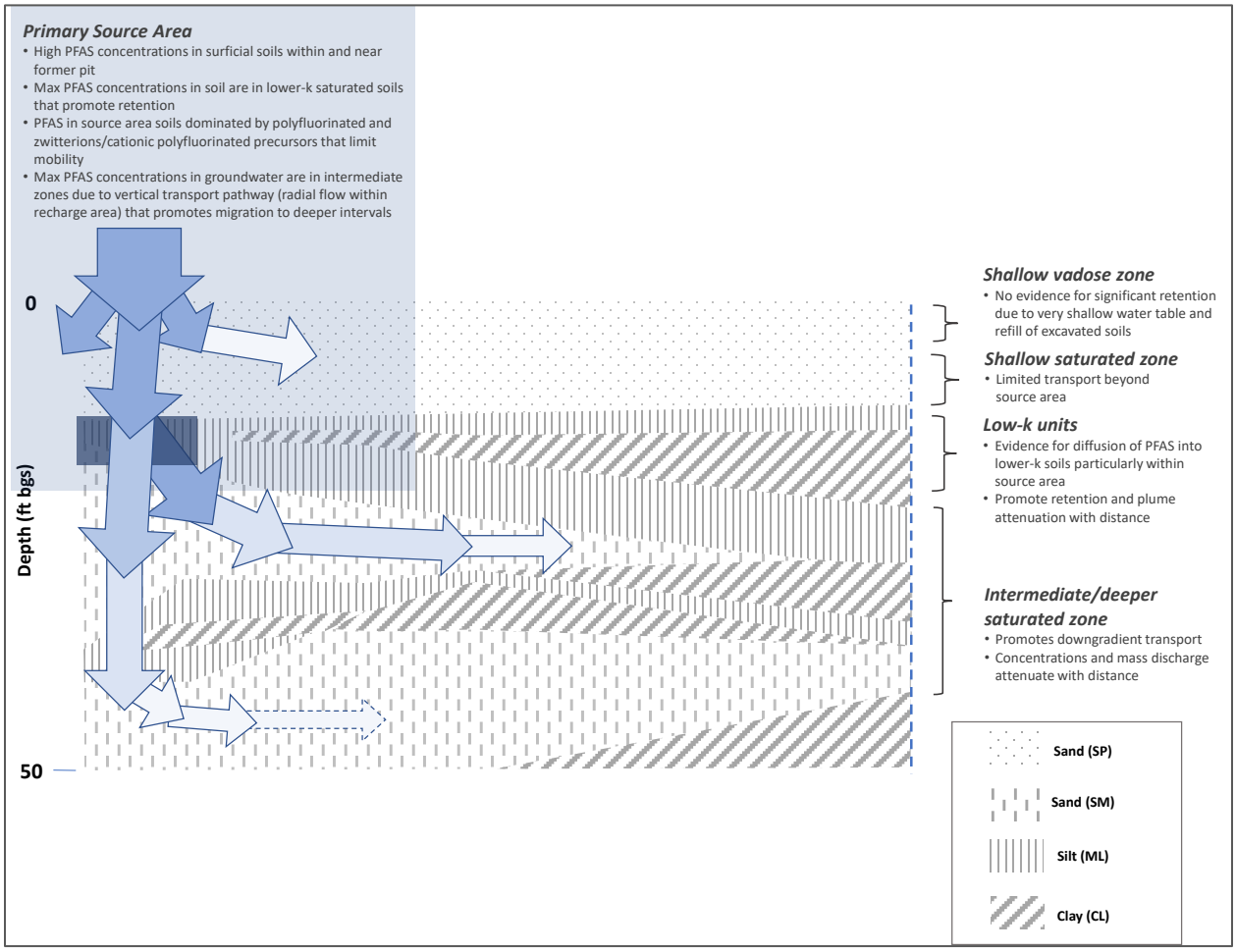


Figure 5-29. Conceptual Site Model for NAS Jacksonville Site. *Shows representative cross section (A-A'; approximatley 920 ft), with groundater flow direction from left to right (northeasterly).*

5.7.3 Results: NBVC Pt. Mugu, CA

Site Characterization Overview

Site characterization was conducted at NBVC Point Mugu, in Ventura County, California from 11 - 27 March 2019. The investigation focused on the former firefighter training area and downgradient points (Figure 5-30). This burn pit (located near investigation point L5) served as the presumed source of PFAS in the area. Locations were selected along a transect that followed the presumed direction of groundwater flow. As noted above, the groundwater flow direction changes seasonally, so this necessitated collecting data in areas to the northeast of the burn pit as well as areas to the southwest of the burn pit. Additionally, two upgradient locations were selected (B1 and B2) to provide background information.

A total of 38 groundwater samples, 72 soil samples and 50 soil and groundwater QA/QC samples were collected as part of this field program.

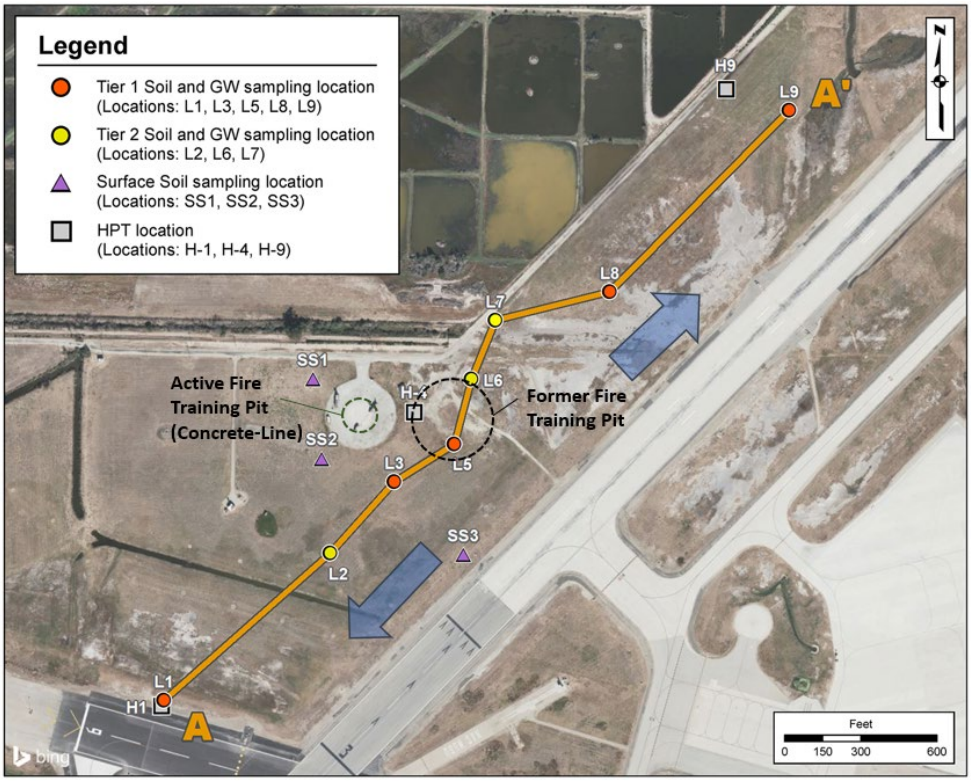


Figure 5-30. Site Map with Characterization Locations and Transect A-A'

Site Hydrogeology

Figure 5-31 below depicts the geologic cross section A-A'. Visual inspection and classification of soil cores indicated that lower-permeability clay and silt lenses were present at shallow depths, with increasing thickness toward the northeast portion of the site. The southwest portion consists predominantly of sands, with the overlying clay/silt layer extending to no more than 10 ft bgs. In the northeast portion, the low-permeability layer extended to approximately 35 ft bgs, although several interbedded higher-permeability sand-rich lenses (0.5 to 2 ft thick) were encountered within this layer.

The HPT logs confirmed that these interbedded layers are reasonably permeable (K>20 ft/d), but a relative lack of lateral connections between lenses may limit their contribution to downgradient transport. The static water levels measured in the field were between 2 and 6 ft bgs depending on location, indicating that the water-bearing unit (sands) is confined or semi-confined. The sampling was conducted during the wet season (March), such that groundwater was assumed to flow to the southwest.

Note that soil characterization efforts were restricted to a depth of ~25 ft bgs at the majority of locations due to difficult drilling conditions (including poor recovery of cores). As such, the geology deeper that 25 ft bgs is approximated in the figures below.

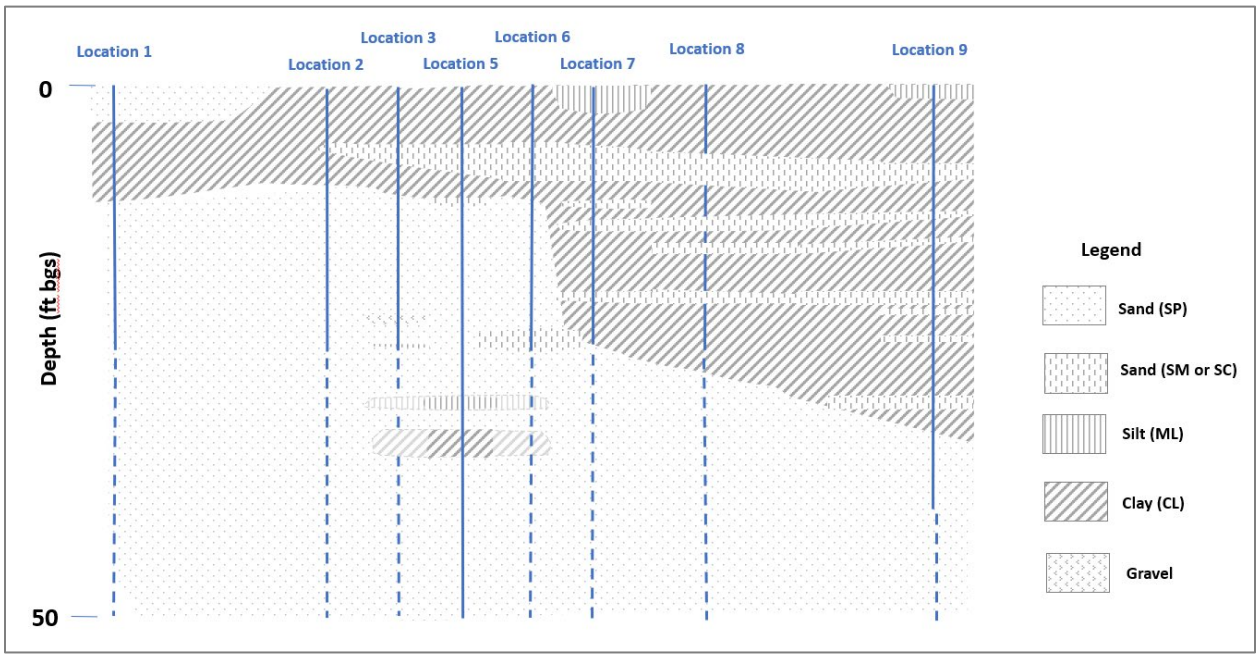


Figure 5-31. Geological Cross-Section A-A' . *Static water levels ranged from 2-6 ft bgs.*

Additionally, Figure 5-32 depicts specific conductivity in groundwater with depth at all characterization locations. Specific conductivity is typically high at this site (maximum specific conductivity of 74 mS/cm), particularly in shallower soils (<25 ft bgs) at locations northeast of the burn pit. In part, these high conductivities reflect regional surface water influences; the site is approximately 2 miles northeast of the Pacific Ocean. However, the patterns with depth are also presumably influenced by seasonal changes in the groundwater flow direction. Groundwater was generally reducing (particularly at deeper intervals) with pH values consistently near neutral.

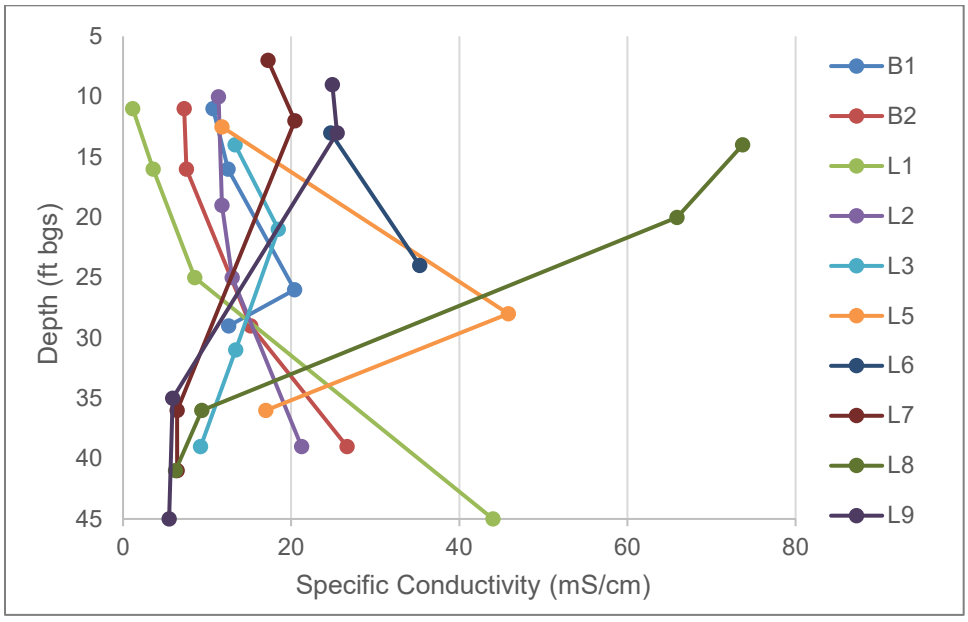


Figure 5-32. Specific Conductivity with Depth at Characterization Locations. *Static water levels ranged from 2-6 ft bgs.*

Identification of Source Zone

Soil and groundwater analytical data were collected for a large suite of PFAS using the high-resolution analytical methods (including target and non-target analyses). Results for PFOS, PFOA, and Total PFAS in both media across the site transect are shown in Figures 5-33, 5-34 and 5-35.

Overall, higher soil concentrations are present near the source zone. For example, the highest total PFAS concentrations in soil are observed at location L6 and L5 near the former burn pit (maximum total PFAS concentration = 13,000,000 ng/kg). Soil concentrations in samples from all other locations are more than an order of magnitude lower than those in the source area. Groundwater concentrations generally show a similar pattern (maximum total PFAS concentration > 6,000,000 ng/L).

This distribution supported the assumption that AFFF used in the vicinity of the former pit is the primary source of PFAS (Figure 5-33, 5-34, 5-35). Similarly, the highest PFAS concentrations in surficial soils were observed within the same general area (Figure 5-9). PFAS was detected in surficial soils through the entire investigated area, with a large percentage of this total represented by PFOS and very little represented by PFOA.

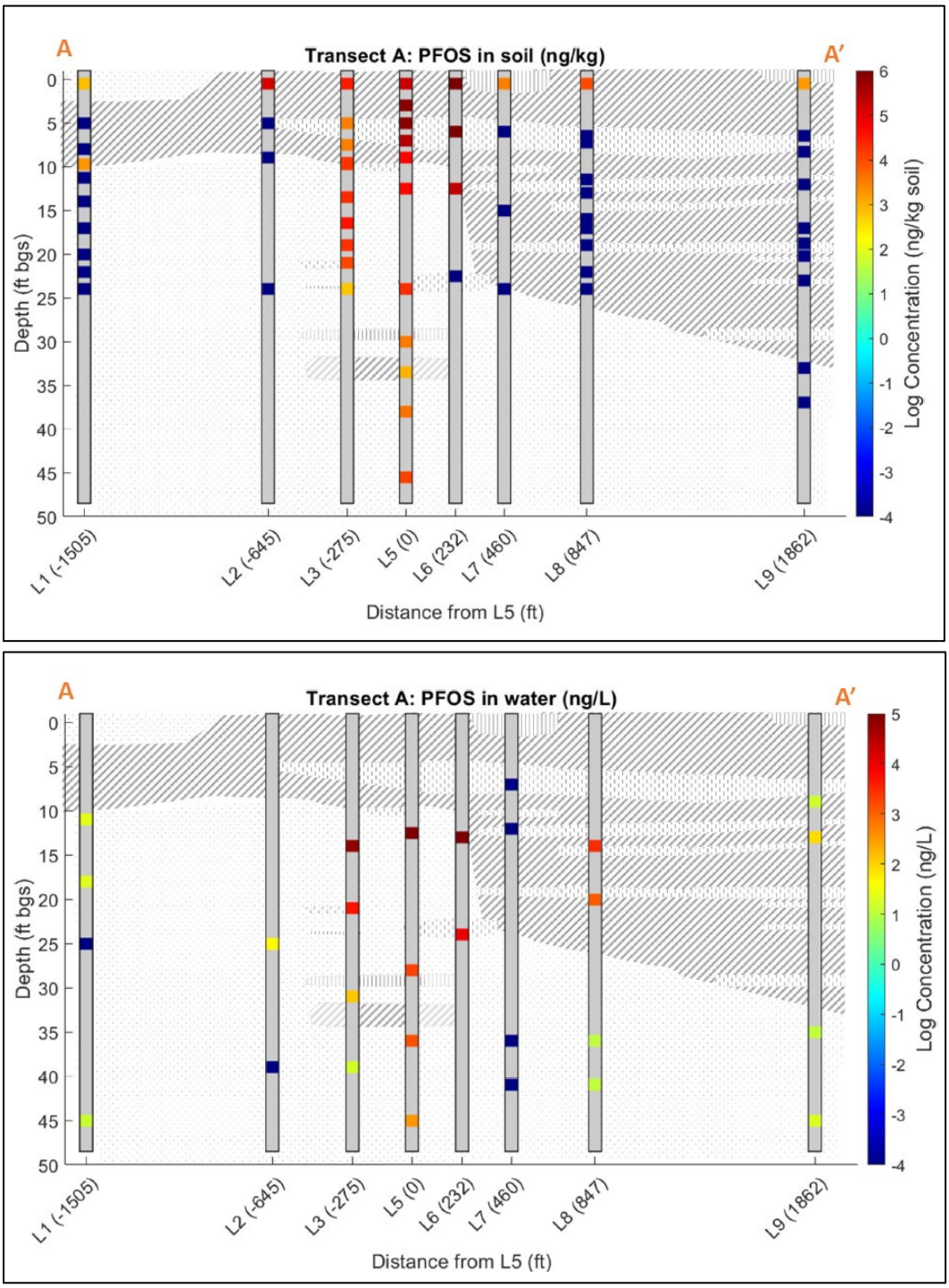


Figure 5-33. PFOS Concentration in Soil (Top Panel) and Groundwater (Bottom Panel).
Static water levels ranged from 2-6 ft bgs.

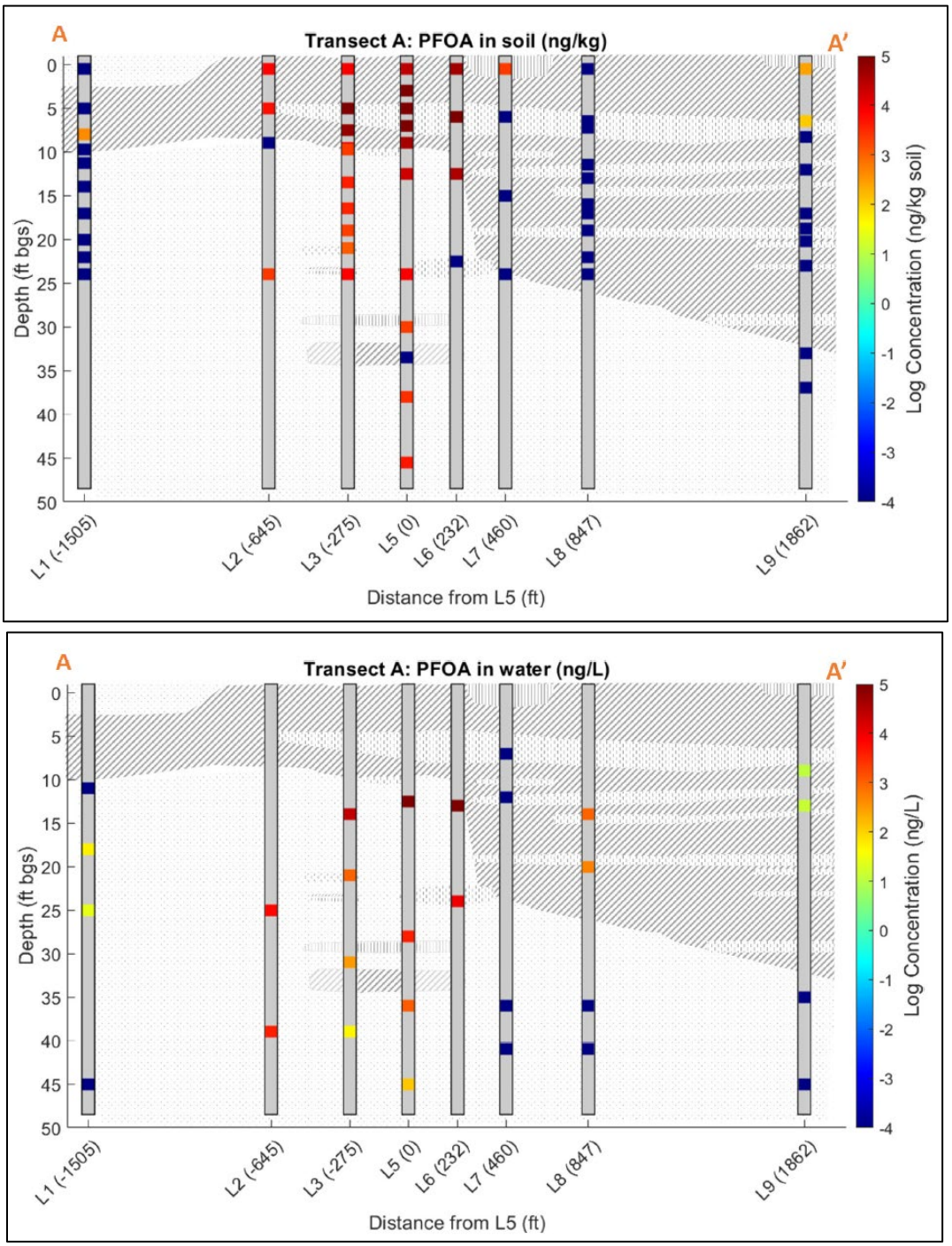


Figure 5-34. PFOA Concentration in Soil (Top Panel) and Groundwater (Bottom Panel).
Static water levels ranged from 2-6 ft bgs.

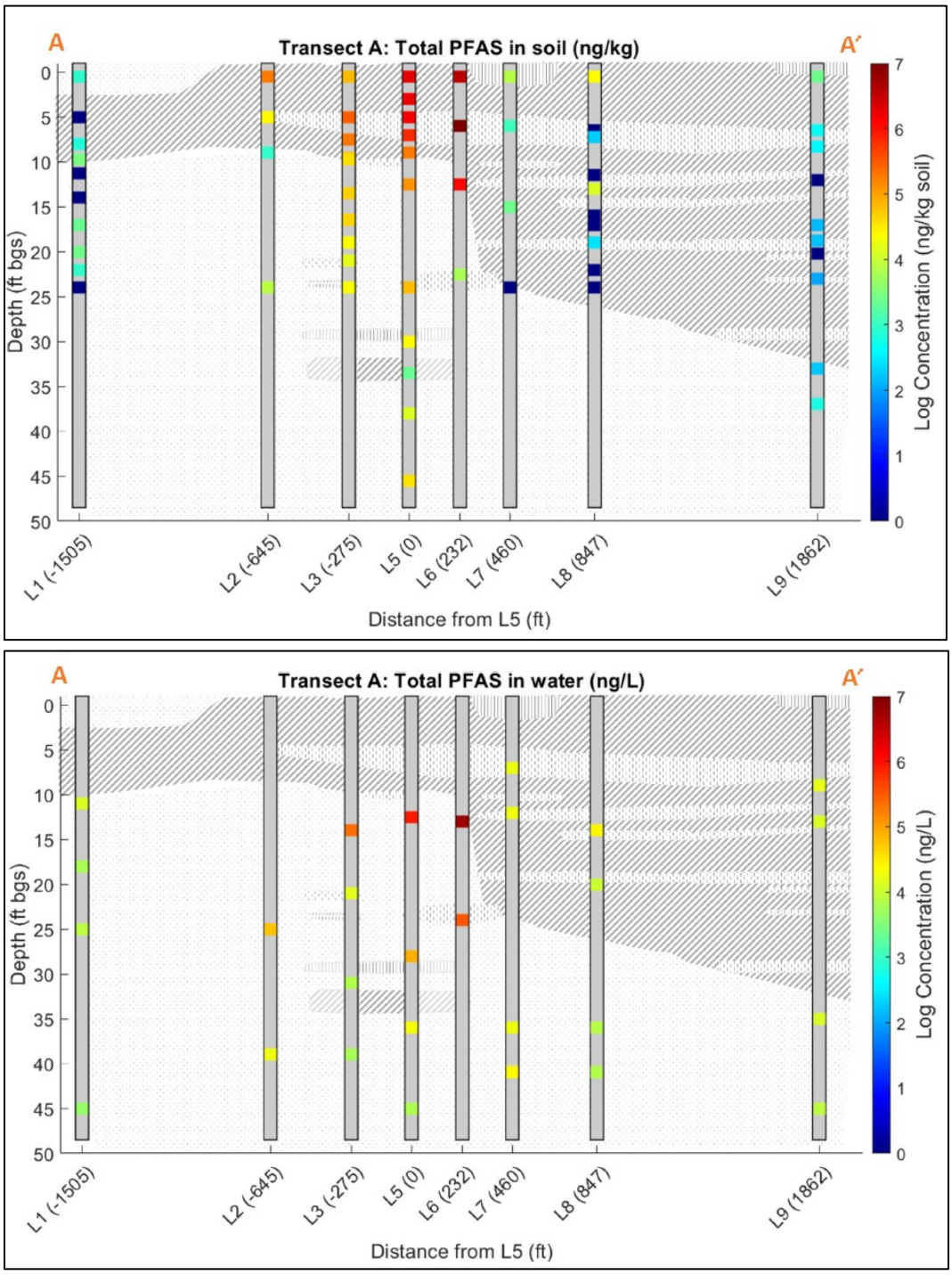


Figure 5-35. Total PFAS Concentration in Soil (Top Panel) and Groundwater (Bottom Panel). *Static water levels ranged from 2-6 ft bgs.*

Transport Processes: Downgradient Transport

While total PFAS concentrations in groundwater remain elevated across the site, PFAS concentrations generally decrease significantly moving away from the source area. For example, the average total PFAS concentration in location L6 was approximately 3 orders of magnitude higher than at the far downgradient locations in both downgradient flow directions (locations L1 and L9) (Figure 5-36). This is evidence of that plume expansion is affected by attenuation processes, and suggests that retention within the source area that can be attributed to at least two mechanisms: (1) retardation due to the enhanced electrostatic interactions and decreased partitioning to the aqueous phase within an aquifer with high specific conductivity; and (2) slow advection and diffusion in lower-permeability soils.

This distribution of PFAS in soil and groundwater was evaluated laterally from the source zone and included: i) PFAAs and Precursors and ii) Anions and Cations + Zwitterions (Figures 5-38 and 5-39). Key preliminary findings suggest the following:

- Higher concentrations of precursors in soil and groundwater are encountered in the source area (locations L5 and L6) and immediately downgradient in the southwest direction, as compared to further downgradient locations. The southwest direction (towards the ocean) is typically the dominant flow direction during the season when sampling was performed, and this is reflected in the both the soil and groundwater contours in that direction. Samples from locations in the northeast seasonal flow direction (locations L7, L8 and L9) exhibited much lower concentrations.

- Even though the total PFAS concentration was relatively low in locations outside of the source area, the percentage of total PFAS concentration represented by precursors was high (> 50%) in several samples from these locations, as discussed below.

- Higher concentrations of zwitterionic/cationic PFAS were generally measured in the source area relative to those measured in downgradient locations, particularly in shallow soils. For example, the shallow unsaturated soil sample from location L5 exhibited the highest concentration of zwitterionic/cationic PFAS (1,013 ng/g), with CEtAmPr-N-EtFOSA and TAmPr-FOSA (both C8 compounds) as the highest individual detections. Collectively, these zwitterionic/cationic PFAS represented 52% of all PFAS in this sample. Relatively high concentrations of zwitterionic/cationic PFAS (> 100 ng/g) were also found in shallow soils from location 6 in the source area, but at much lower percentages (< 10%) of the total PFAS concentrations. These charged compounds were largely absent from groundwater samples, reflecting their tendency to partition strongly to soils.

- The majority of soil samples from the two background locations contained elevated PFAS (0–14,000 ng/kg), and groundwater samples from these locations also exhibited concentrations (7,500–136,000 ng/L) that were similar to those observed in the areas downgradient of the burn pit. However, most background samples, including both soil and groundwater samples, were dominated by PFAS precursors. These were largely long-chain (> C8) anionic compounds that were generally unique to these locations (i.e., not found in the source area). A similar pattern was observed in locations L7, L8, and L9 that are in the non-dominant seasonal flow direction (northeast) that were almost solely anionic. In

addition, soil concentrations were higher in unsaturated zone and decreased with depth. As a result, the presence of these precursors outside of the source area is unlikely related to subsurface transport.

- The primary lines of evidence for the influence of groundwater chemistry on limiting transport include: (1) the specific conductivity in all groundwater samples was greater than 5 mS/cm, with a maximum specific conductivity of 74 mS/cm (i.e, at or above the salinity of seawater ~ 50mS/cm). This confirms that there is an abundant supply of ions to neutralize negatively-charged particles, decrease dissolution in groundwater, and enhance sorption of anionic PFAS (both PFAAs and precursors) (also referred to as PFAS "salting out") (Newell et al., 2021); (2) PFAS concentrations decrease significantly in locations outside of the source area (in both of the seasonal directions of groundwater flow), indicating that PFAS transport is retarded relative to groundwater flow despite a strong consistent source term; and (3) Anionic precursors generally comprise a higher percentage of the total PFAS concentration in groundwater than cationic and zwitterionic precursors in all locations. This suggests that the tendency for enhanced mobility of anionic PFAS in groundwater is reduced at this site due to the natural ionic strength that enhances retention.

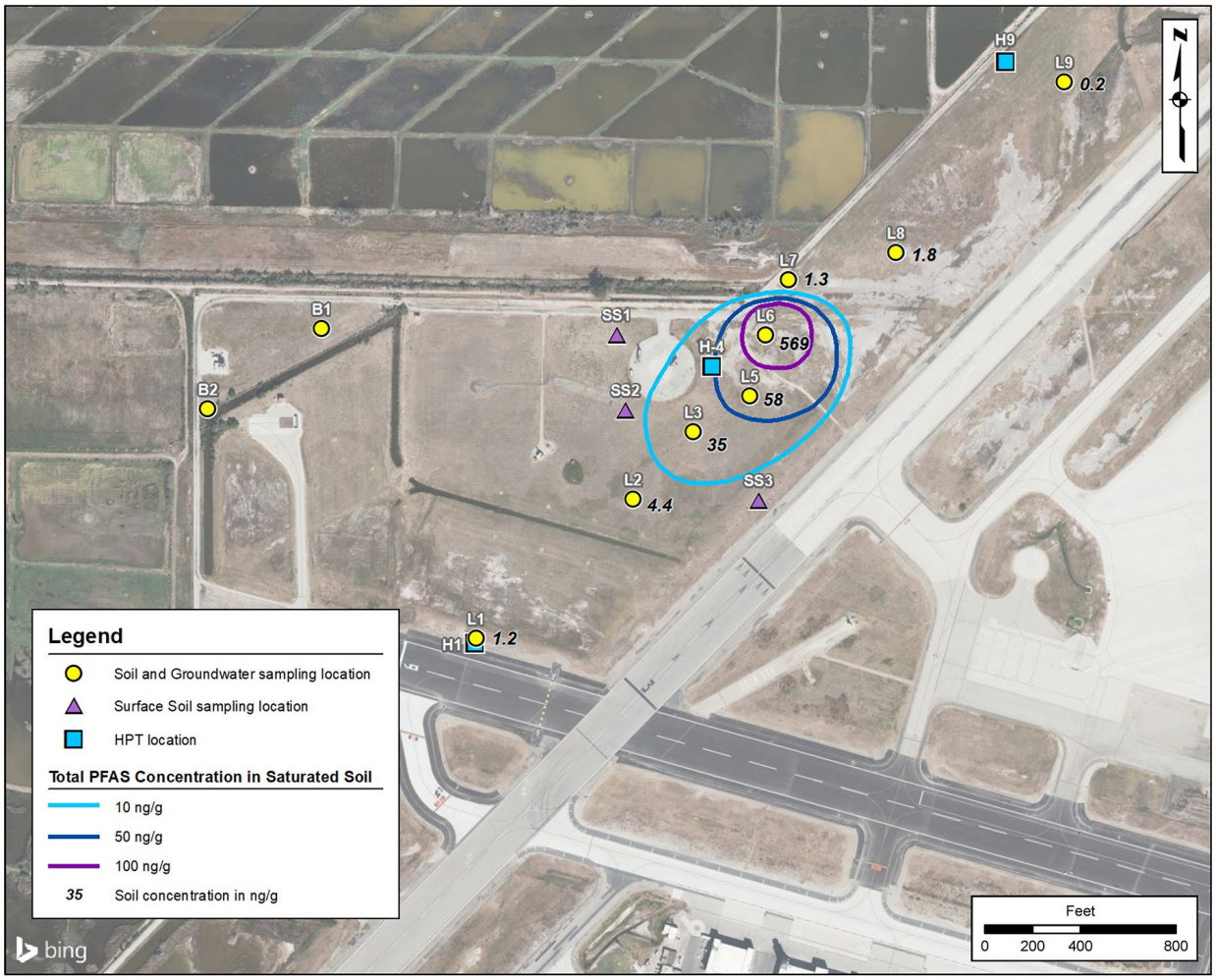


Figure 5-36. Average Total PFAS Concentration (ng/g) of Soil Samples from Saturated Zone

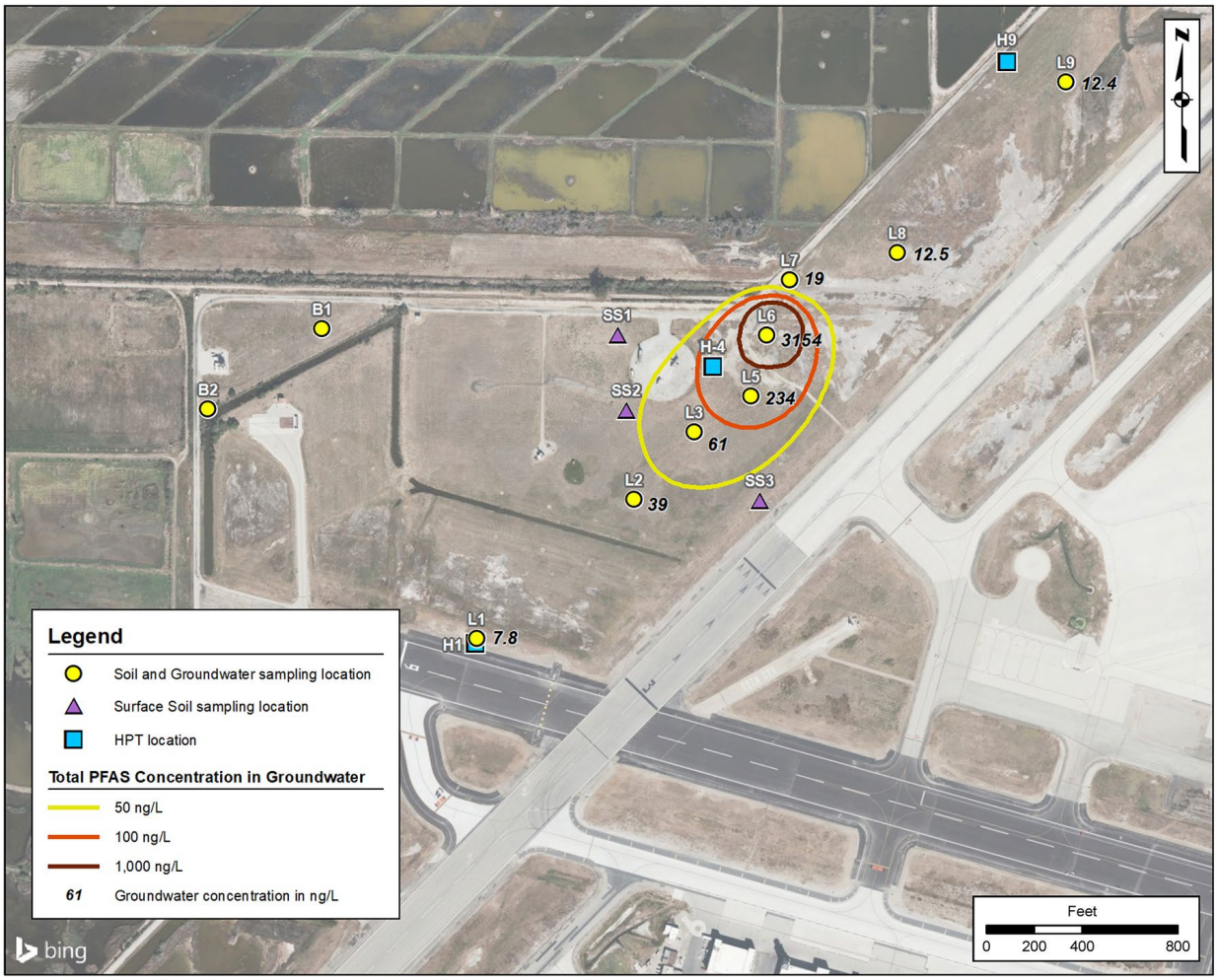


Figure 5-37. Average Total PFAS Concentration (ng/L) of Groundwater Samples

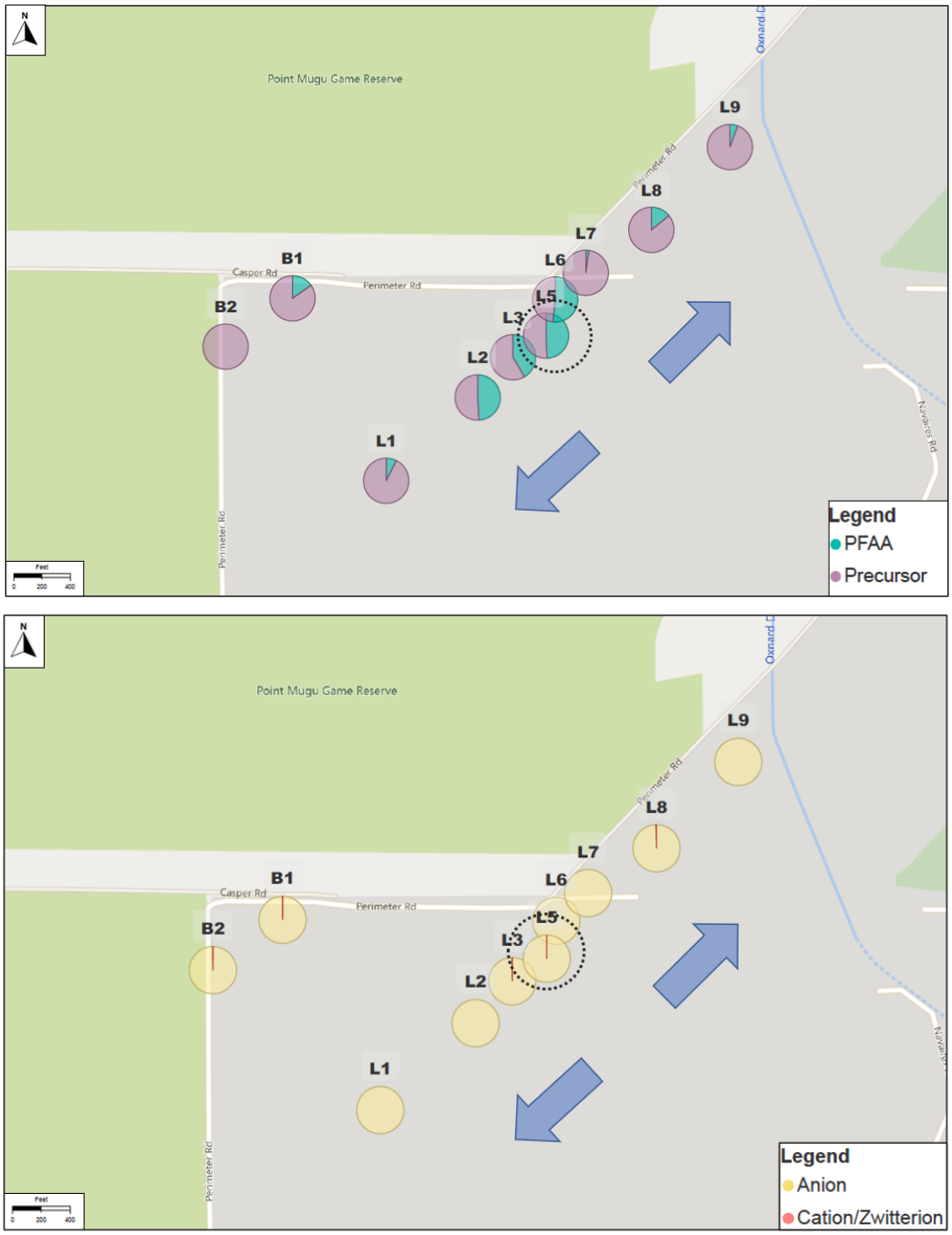


Figure 5-38. Distribution of PFAAs vs. Precursors (Top Panel) and Anions vs. Zwitterions/Cations (Bottom Panel) in Groundwater. *Distribution at each location is based on the average of all depths per location. Arrows show general direction of seasonal fluctuating groundwater flow direction.*

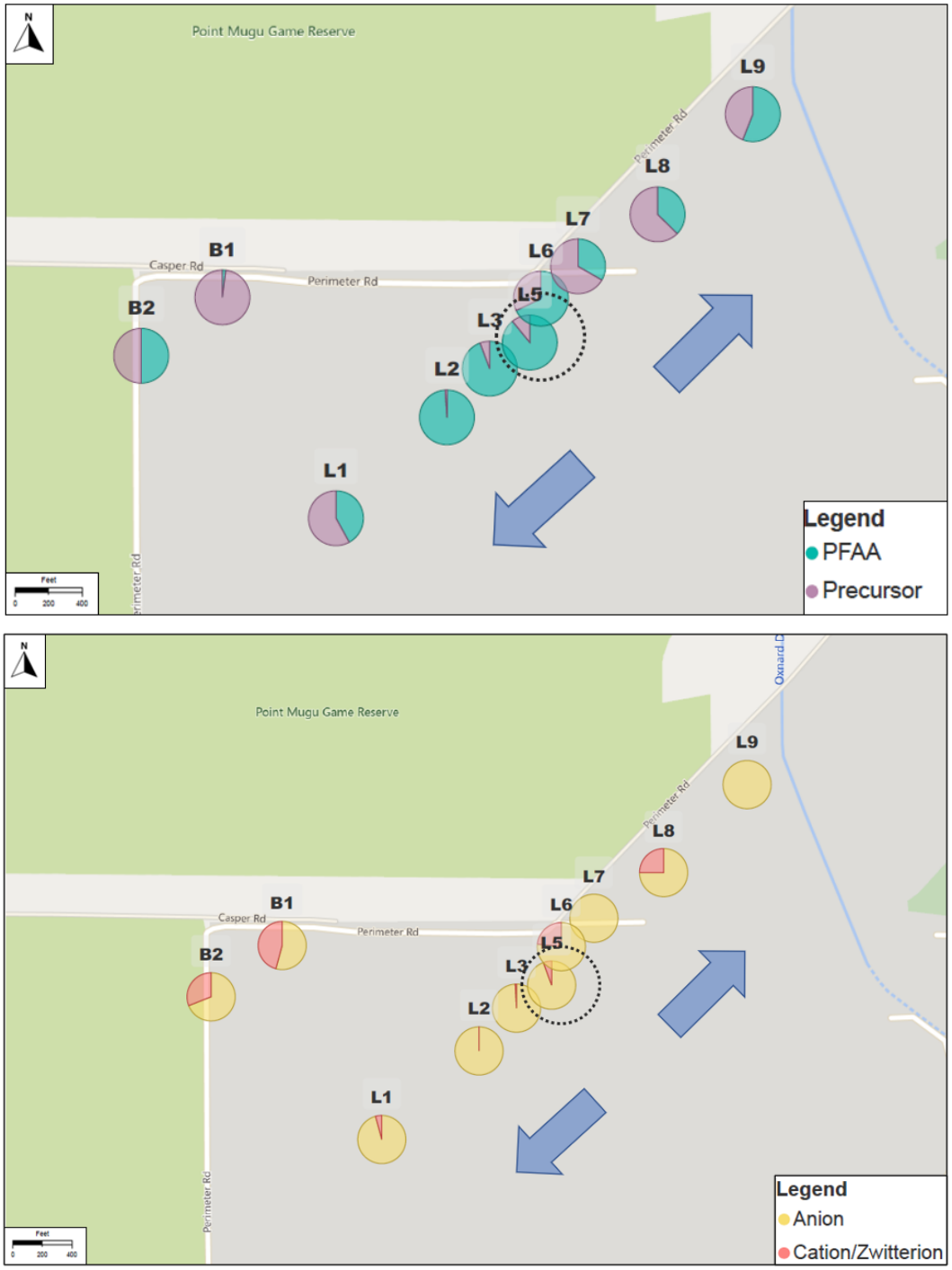


Figure 5-39. Distribution of PFAAs vs. Precursors (Top Panel) and Anions vs. Cations/ Zwitterions (Bottom Panel) in Soil. *Distribution at each location is based on the average of all depths per location. Arrows show general direction of seasonal fluctuating groundwater flow direction.*

Weighted average chain lengths in the source zone were generally higher in the source area (5.37-6.19) as compared to downgradient in the northeast direction (4.68-6.00) and the southwest direction (4.85-6.08) (Figure 5-40). Wilcoxon Rank Sum tests conducted on the chain lengths in the source area vs. near downgradient locations indicated that the there was no statistically significant difference in the datasets (p=0.22). However, tests conducted on the source vs. far downgradient did show statistically significant differences in the chain lengths (p=0.03).

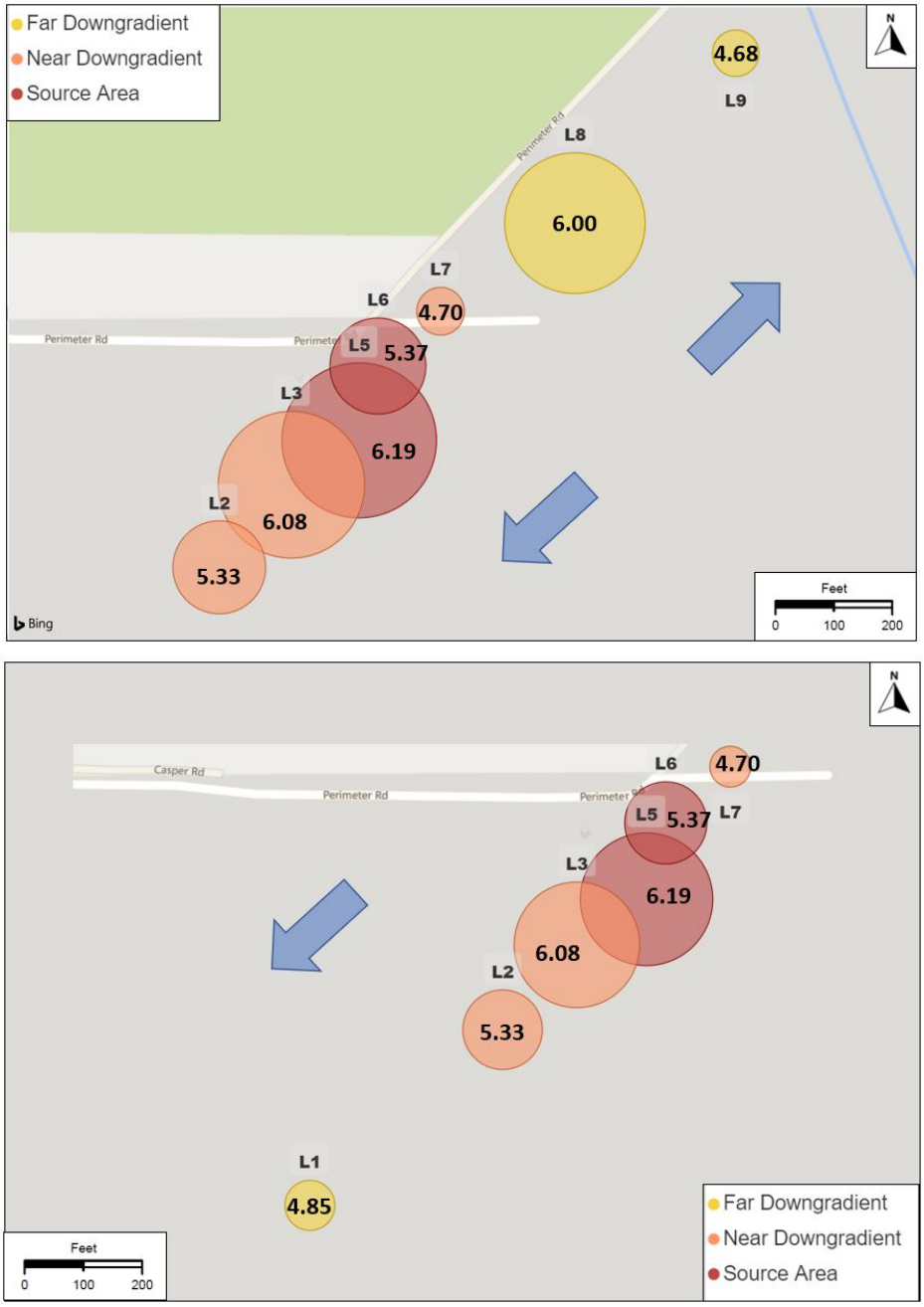


Figure 5-40. Weighted Average Chain Lengths in Groundwater in the Source Area, Near Downgradient and Far Downgradient Locations.

Transport Processes: Retardation

Soil adsorption coefficients (apparent K_d values) were calculated for every sampling depth where both soil and groundwater samples were collected and similar sets of PFAS were detected in both matrices (total of up to 8 pairs). Additionally, soil and groundwater characteristics were analyzed at those locations/depths to evaluate site-specific factors that may affect retardation. Due to the small dataset, statistical correlations with site characteristics could not be conducted, however, general trends were observed based on site data.

Table 5-5 below summarizes the soil adsorption coefficients and retardation factors for key PFAS per soil/groundwater sample pair and soil type at that depth interval. Appendix C includes K_d and retardation factors for all locations and compounds at NBVC Pt. Mugu.

Values of K_d varied significantly for sample pairs. However, K_d values generally increased with increasing PFAS chain length and were higher for PFSAs than PFCAs, as expected. Apparent soil adsorption was generally greater in sands (SP) as compared to clays (CL) for the key PFAAs listed in Table 5-5. However, there were only two groundwater samples collected from intervals that could be classified as clay, such that the representativeness of the data cannot be established.

Upon evaluating the cation exchange capacity (CEC), sands had significantly lower CEC (1.2 – 3.3 meq/100g), as compared to those of clays (8.1 – 30 meq/100g). Higher CEC values reflect a greater tendency to repulse anionic compounds than soils with a lower CEC. As such, this trend indicated that electrostatic forces were a significant factor contributing to the adsorption of anionic PFAS onto sands relative to clays, as compared to hydrophobic forces.

Similarly, trends of f_{oc} and other anions detected in soil (e.g., chloride, fluoride, sulfate), indicated that clays typically had significantly higher concentrations of other anions, despite also having greater f_{oc} values, as compared to sands. As such, the high salinity of this site significant influenced adsorption due to electrostatic forces.

Table 5-5. Summary of Adsorption Coefficients (K_d) and Retardation Factors (R) of Key PFAAs at Pt. Mugu

	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R
Soil Type	**PFHxA**		**PFHpA**		**PFOA**		**PFBS**		**PFHxS**		**PFOS**	
CL	0.2	1	0.4	2	0.3	2	0.2	1.5	0.2	2	0.2	2
CL	0.6	3					0.5	2.2	0.4	2	0.7	3
Median (CL)	***0.4***	***2.0***	***0.4***	***2.0***	***0.3***	***1.7***	***0.4***	***1.9***	***0.3***	***1.8***	***0.5***	***2.1***
SP									42.7	198	74.6	345
SP	0.2	2	0.2	2	0.4	3	0.2	2.0	0.3	3		
SP	0.1	1	0.2	2	0.1	1	0.2	2.0	0.1	2	0.3	2
SP					2.1	11	0.7	4.0	1.5	8	3.7	18
SP	1.2	7	1.2	7	2.1	11	0.6	3.7	0.6	4	10.1	47
SP	107.1	494			34.8	161			53.1	245	36.5	169
Median (SP)	***0.7***	***4.4***	***0.2***	***2.1***	***2.1***	***10.5***	***0.4***	***2.9***	***1.0***	***5.7***	***10.1***	***47.5***

Transport Processes: Vertical Transport

The highest PFAS concentrations are generally encountered in shallow depth intervals and concentrations decreased with depth (see transects above). This is particularly true in soil samples. Elevated PFAS concentrations at depths greater than 20 ft bgs were limited to a few locations with highly permeable soils within the investigated interval where groundwater could be collected. It should be noted that many locations were dominated by poorly draining, clay-rich soils within the shallow vadose zone. These soils would be expected to have less air-water interfacial retention (due to water logging) and thus less resistance to transfer of AFFF-applied PFAS to the water table. However, within the saturated intervals, these zones would less subject to advective flushing such that other processes (e.g., sorption, diffusion) may promote retention.

The isomeric data from the groundwater analyses also provide some insight on source zone transport mechanisms (Figure 5-41). At location L5 within the source area, the branched isomer percentage of both PFOS and PFOA increases with depth in the shallowest two samples, consistent with preferential vertical transport of the branched isomer from a surface-applied PFAS source (e.g., AFFF).

In addition, relatively high percentages of the branched isomers of PFOS (52%) and PFOA (31%) were observed in the shallowest groundwater sample (13 ft bgs) from location L3, which is approximately 275 ft downgradient of the source area. This is evidence of preferential lateral transport of the branched isomer from the source area to downgradient locations. However, the branched isomer percentage is slightly lower in samples from deeper intervals at many locations, including locations L5 (source area) and L3 (downgradient). While there is no clear explanation for this deviation from the expected pattern. It may be that PFAS is transported to these deeper intervals via multiple routes, with less "chromatographic separation" of PFAS isomers occurring in one or more of these routes.

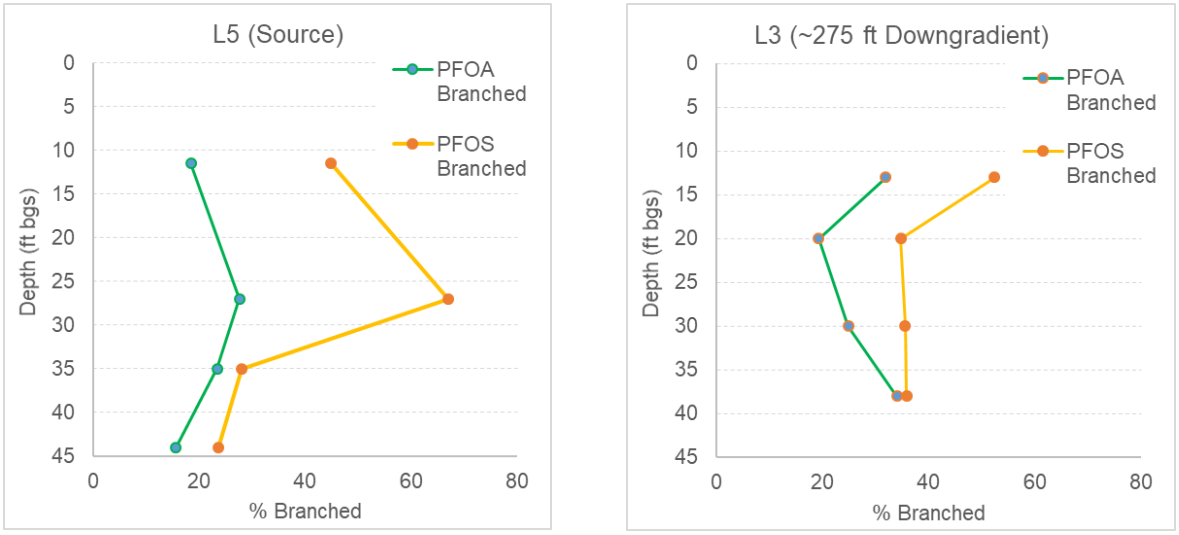


Figure 5-41. Percent Branched PFOA and PFOS at L5 (Left Panel) and L3 (Right Panel)

Transport Processes: Low Permeability/Matrix Diffusion

Elevated concentrations of PFAS were encountered in samples that consisted primarily of low-permeability soils such as clays and silts. As an example, three of the four soil samples with the highest total PFAS concentrations (all from locations L5 and L6) were clay samples. Mass transfer into these soils may have occurred by either infiltration, diffusion and/or slow advection. Despite the finding that these many of these soils have low apparent retardation factors, the overall concentration distribution at the site suggests that these soils helped limit PFAS transport, based on the following primary lines of evidence:

- PFAS concentrations are low in locations in the northeasterly direction from the source area (Locations L7, L8, and L9) where the thickness of the clay/silt layers increases significantly. The soils in this direction have limited transmissivity that apparently reduces PFAS mass discharge based on the availability data.

- PFAS is retained in shallow unsaturated soils throughout the site, and these shallow soils are dominated by low-permeability silts/clays. As noted above, these shallow soils in the unsaturated zone would not be expected to drain efficiently, which may reduce retention due to air-water interfacial partitioning, but the overall effect is to limit advection and presumably enhance matrix diffusion-related retention.

- The only locations where relatively elevated levels of PFOA and PFOS are encountered below 20 ft bgs are those where the surficial low-permeability layers are relatively thin and the deeper soil intervals are dominated by sand (L5 and L6). As a result, near-surface layers are providing less resistance to vertical transport of PFAS.

In addition, the locations that are dominated by lower-permeability soils (L7, L8, and L9) generally have high specific conductivity levels as well as a higher percentage of precursors. This suggests that PFAS that has migrated into these zones (either via diffusion or slow advection) is being retained and subject to slower transformation to PFAAs. Diffusion into lower-permeability soils contributes to longer-term retention because the potential for advective flushing is low within these zones. However, this process also limits PFAS migration, mass discharge, and the potential rate of plume expansion.

Evidence for Biotransformation of Precursors

Field measurements indicated the geochemical conditions were not particularly favorable for aerobic biotransformation (the presumed natural attenuation pathway for PFAS) at site at the time of the investigation. The median dissolved oxygen (0.3 mg/L) and ORP (-175 mV) levels in groundwater samples suggest that the aquifer is anoxic and that oxygen limitations may slow transformation rates. An additional limiting factor is the high electrical conductivity (median value of all samples = 12 mS/cm)

However, several lines of evidence for PFAS biotransformation were observed at this site, including the detection of several presumed biotransformation products at multiple locations. These include the fluorotelomer sulfonates (4:2 FTS, 6:2 FTS, and 8:2 FTS), which are at the highest concentrations of all fluorotelomer compounds in both soil and groundwater. These compounds are suspected intermediates the transformation of other precursors because they are

generally not a major component of AFFF or other PFAS sources. The fluorotelomer sulfonates are present in both soil and groundwater, with the highest concentrations in both matrices generally found near the source (locations L5 and L6) within relatively permeable soils.

Because PFOS was the highest-concentration PFAS in nearly all samples, the presence of PFOS precursors was also seen as a strong indicator of biotransformation at the site. Several C8 ECF-sulfonamides were routinely detected in soil samples and identified as possible PFOS precursors (e.g., AmPr-FOSA, TAmPr-FOSA, CEtAmPr-N-EtFOSA, TAmPr-FOSAPrA, FOSA).

The proportion of branched PFOA PFOA in many samples was < 20% (i.e., lower than the proportion expected from ECF-derived PFOA). This provides further evidence that some PFOA presently in the subsurface was derived from transformation of linear fluorotelomer precursors. Similarly, N-dimethyl ammonio propyl-perfluorooctane amide (AmPr-FOAd, a C8 amide) is a potential ECF-based precursor to PFOA and was detected in samples from both location L5 and L6.

FHxSA was also frequently detected in both soil and groundwater at relatively high concentration when compared to other detected precursors. This included FHxSA groundwater concentrations that were comparable or higher at downgradient locations L3 and L8 than at source area locations L5 and L6, suggesting transport and transformation of this compound in groundwater. The precursors to FHxSA described in the pathway presented in Section 5.7.2 were not detected at this site in groundwater (i.e., the-perfluorohexane sulfonamido propyl sulfonates), although they were present in several soil samples within the source area. However, several other compounds which contain the perfluoroalkyl sulfonamide chain and could therefore be precursors to FHxSA—and ultimately PFHxS. For example, zwitterionic TAmPr-N-MeFASA and TAmPr-FASA classes were among the highest concentration compounds detected in soil within the source area, although they were not detected in groundwater. In groundwater, anionic SPr-FHxSA was detected at 1,100,000 ng/L at one of the samples from location L6, and this compound was greater than 5% of the total PFAS detected in all four samples from downgradient location L1. The anionic C6 homolog EtFxSA was also detected at relatively low levels at downgradient locations L3 and L8 (20 ng/L and 13 ng/L, respectively).

Spatial trends in the contribution of precursors to the total PFAS concentration did not provide clear evidence of biotransformation. Biotransformation to PFAAs during transport would be expected to decrease the contribution of precursors to the total PFAS concentration. Instead, precursors were generally higher in soil and groundwater samples collected at locations moving away from the source area. This may reflect the fact that total PFAS concentrations are lower at locations outside of the source area which limits mass transfer into the deeper, more permeable intervals of the groundwater unit where the precursors may be more bioavailable.

Differentiate AFFF and non-AFFF Sources

PFAS compositional data, including precursor data, confirm the use of multiple different types of AFFF products within the source area, including ECF-based foams as well as telomer-based foams. PFOA and PFOS are typically the highest concentration PFAS, along with PFHxS and PFHxA. PFCAs and PFSAs of multiple chain lengths are both well represented, with the latter generally at

higher concentrations. However, fluorotelomer sulfonates and alcohols are present at higher concentration that the various perfluoroalkyl sulfonamide derivatives in some samples.

The isomeric data from the groundwater analyses provide corroborating evidence on source types. Specifically, the percentage of the branched isomer of PFOS is typically at or above 20%, confirming that ECF-based AFFF is a primary PFOS source. The branched isomer percentage for PFOA is consistently between 14 and 34%, which suggests that both telomer and ECF-based AFFF are contributing sources of PFOA at this site.

PFAS was present at all locations, but the background locations (B1 and B2) contained relatively low levels in both soil and groundwater despite their relatively proximate location to the source area. Some locations had soil samples with no detectable PFAS. The number of different precursor compounds detected in some samples are consistent with not only multiple types of AFFF but also raise the possibility of other PFAS sources. For example, in the soil and groundwater samples from location L5 and L6 (the presumed source area), a total of 157 different compounds were detected in soil and 137 different compounds were detected in groundwater. The majority of these compounds are polyfluorinated precursors of varying chain lengths and functional groups. However, in samples where the total PFAS soil concentration is greater than 1,000,000 ng/kg (a total of six samples from L6 and L5), these precursors generally represent a modest portion of the total concentration (3 to 59%). Background locations were dominated by non-PFAAs compounds in both soil and groundwater, though they were largely similar to those detected in the source area groundwater.

The compounds that were unique to the background locations included several longer-chain hydrido-perfluorosulfonates in soil (e.g., H-PFPeDA, H-PFTeDA, H-PFTrDA). While the presence of these compounds suggests that other PFAS sources may have contributed to the observed PFAS, a source cannot be readily identified. It should also be recognized that many of the unique compounds to the background (as well as source area) locations were identified through suspect screening. Shorter chain fluorotelomer intermediates that have been proposed to be diagnostic of landfill leachate (e.g., 5:3 FTCA) could not be detected in soil and groundwater from any location. In addition, sulfonamides like MeFOSA and EtFOSA that are generally not expected to be associated with AFFF were detected in only a few samples and only at trace levels. Longer chain PFAAs (> C9) were detected primarily in soils (but not groundwater) in the source area locations, although PFDoA represented a substantial portion of the PFAS detected in several groundwater samples from one of the two background locations (B1).

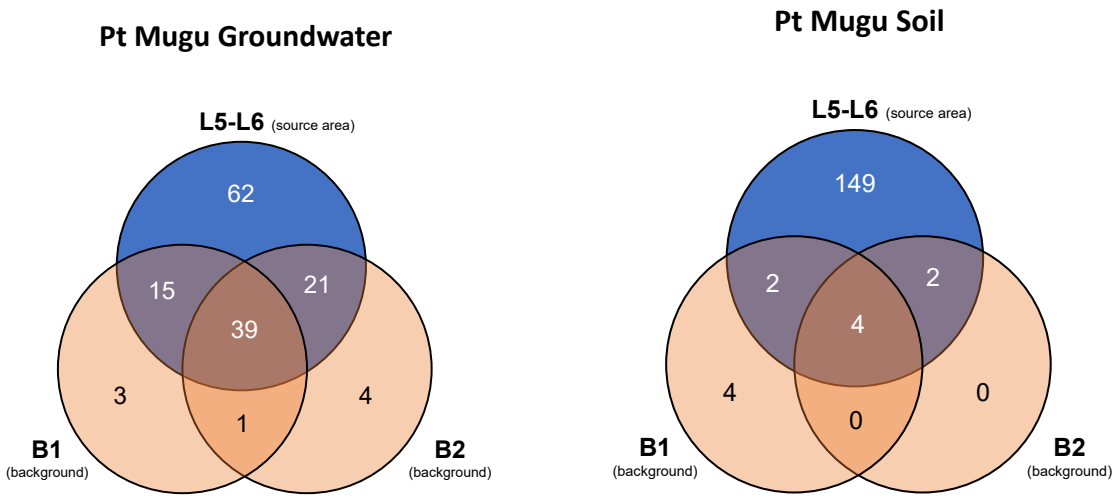
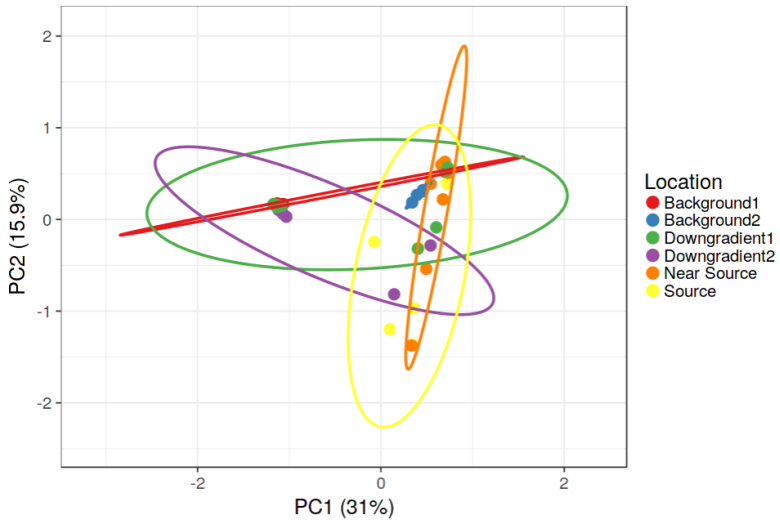


Figure 5-42. Comparison of Detected Compounds at Selected Locations in Groundwater (Left Panel) and Soil (Right Panel) from Pt Mugu.

The two background locations (B1 and B2) were located cross gradient to groundwater flow but are within approximately 800 ft of the farthest downgradient location (L1). As a result, PFAS resulting from AFFF releases in the firefighter training pits could have been the primary or sole contributor to the observed PFAS at B1 and B2. In this case, cluster analysis provided limited evidence that different PFAS sources were contributing to the observed patterns. PCA results for unfiltered soil and groundwater data are shown in Figure 5-43 confirm that there is moderate overlap in the confidence intervals for source area locations vs. those from background locations. This is indicative of substantial variability in the PFAS composition at different individual locations that are within the same groupings but also suggests a lack of ability to differentiate between potential source signatures with unfiltered data. The background location data cluster relatively similarly with the downgradient location data in both cases, especially when compared to the source area location data. However, PCA1 and PCA2, which are primarily associated with PFAAs for these datasets, only explain 25.5% and 46.9% of the variance for soil and groundwater data, respectively.

Pt Mugu - GROUNDWATER
No filtering (all analytes)
Source = L5, L6
Background1 = B1
Background2 = B2
Near Source = L3, L7
Downgradient1 = L8, L9
Downgradient2 = L1, L2



Pt Mugu - SOIL
No filtering (all analytes)
Source = L5, L6
Background1 = B1
Background2 = B2
Near Source = SS1, SS2, SS3, L3, L7
Downgradient1 = L8, L9
Downgradient2 = L1, L2

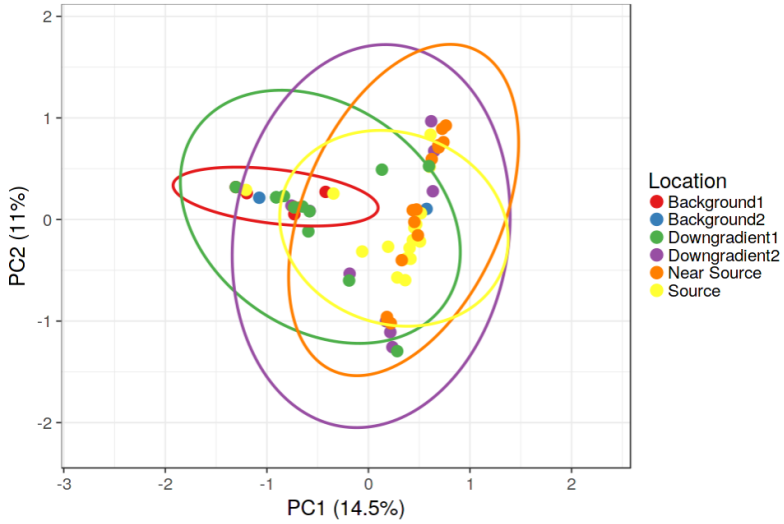


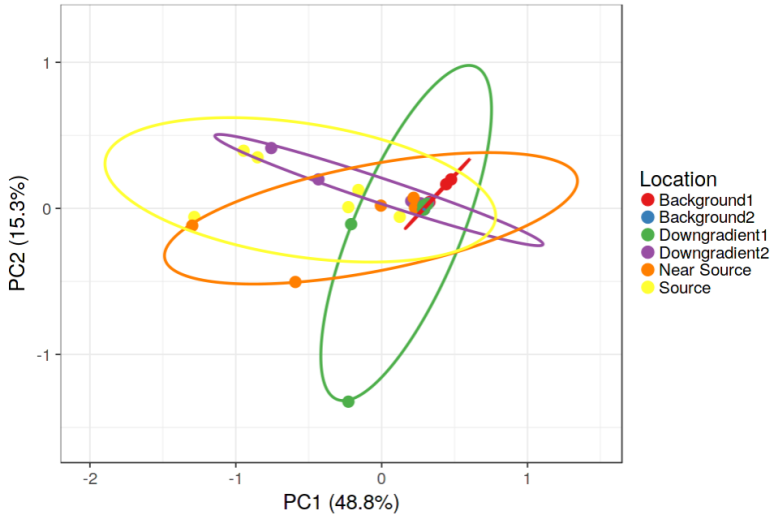
Figure 5-43. Principal Component Analysis for Groundwater Data (Top Panel) and Soil Data (Bottom Panel) from Pt Mugu. Analyses performed on transformed data from all locations and included all reported analytes (unfiltered).

Based on statistical data exploration, filtering the soil analytical data into subgroups provided little additional insight due to the relative lack of detections in this matrix at many locations. However, filtering the groundwater to include only target analytes (Figure 5-44, top panel) and to include only select locations (Figure 5-44, bottom panel) improved the ability to distinguish samples from different locations. By reducing the number of variables to only target analytes, the background location data cluster within a small confidence interval, although the boundaries still overlap with the data from the source area. It should be noted that the overlap observed between the source area data and the data from near source and both downgradient directions supports that these areas represent similar PFAS sources even accounting for transport-related compositional shifts. When only the data from source area locations (L5, L6) and background locations (B1, B2) were included (Figure 5-44, bottom panel), the latter clustered differently than the source area data. These also captured a much higher percentage of the variability in PC1 and PC2. The HCA results

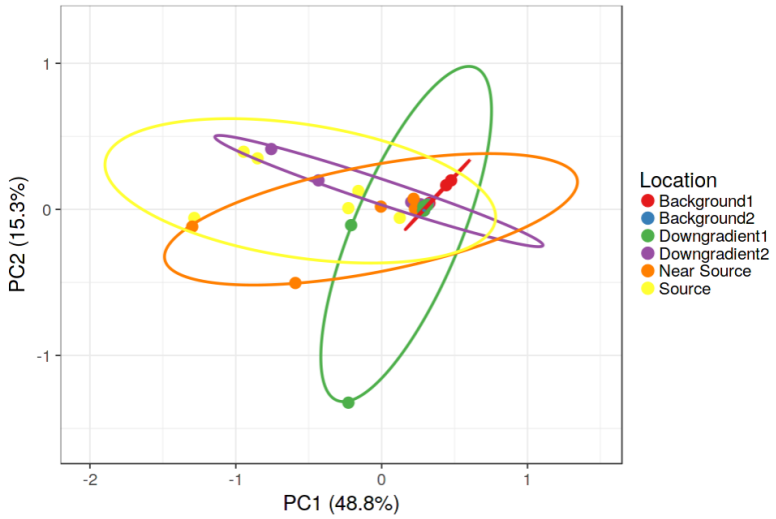
demonstrate a similar pattern, where the background samples group similarly and are relatively distinct from those from the source area.

Collectively, these data suggest that the PFAS signatures in samples from the background locations at this site are slightly different than those in the primary source area (the firefighter training area). However, the data do not provide strong evidence that the PFAS at these locations would have derived from non-AFFF sources.

Pt Mugu - GROUNDWATER
Filtered—includes only target analytes
Source = L5, L6
Background1 = B1
Background2 = B2
Near Source = L3, L7
Downgradient1 = L8, L9
Downgradient2 = L1, L2



Pt Mugu - GROUNDWATER
Filtered—includes only target analytes
Source = L5, L6
Background1 = B1
Background2 = B2
Near Source = L3, L7
Downgradient1 = L8, L9
Downgradient2 = L1, L2



Pt Mugu - GROUNDWATER
Filtered—includes select locations
Source = L5, L6
Background1 = B1
Background2 = B2

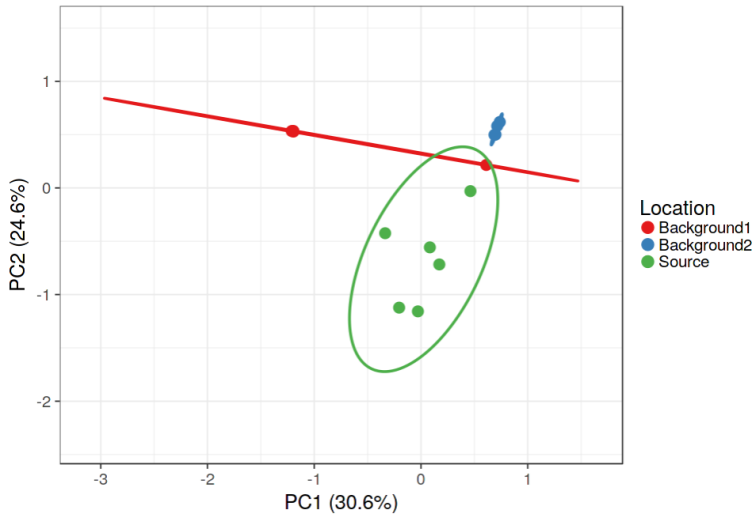


Figure 5-**44**. Principal Component Analysis for Groundwater Target Analyte Data from All Locations (Top Panel) and Groundwater Target and Non-Target Data from Select Locations (Bottom Panel) from Pt Mugu. *Analyses performed on transformed data.*

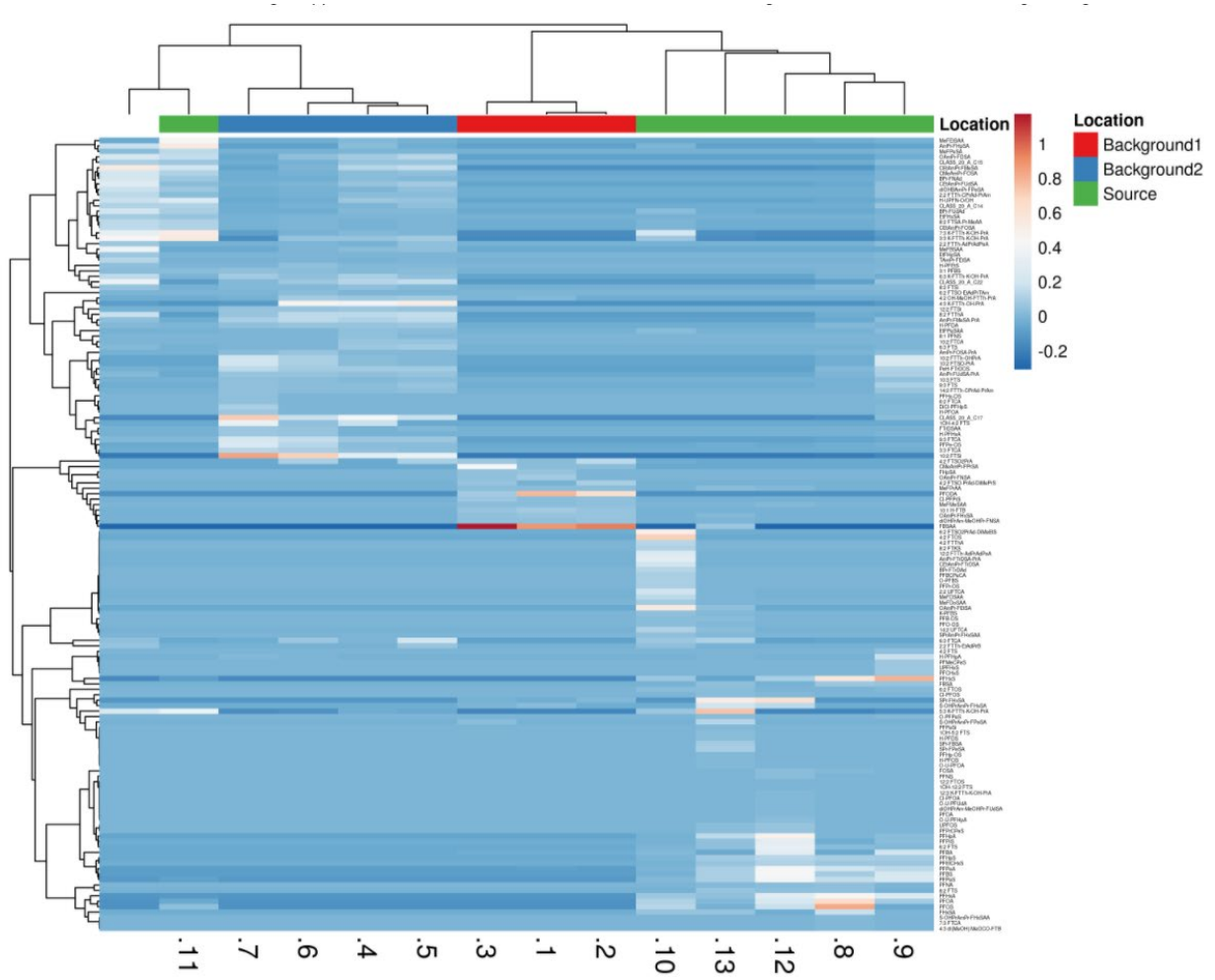


Figure 5-45. Hierarchical Cluster Analysis for Groundwater Target and Non-Target Data from Select Locations from Pt Mugu. *Analyses performed on transformed data.*

PIGE vs. Total PFAS Concentration in Groundwater

Linear regression of the PIGE total fluoride results and the total PFAS concentrations measured in groundwater using LC-QTOF-MS yielded a strong linear correlation with an r^2 of 0.98 (Figure 5-46). These data were evaluated using the Spearman's Correlation test and resulted in p=0.002 (statistically significant: p<0.05). The relationship was much more consistent at higher PFAS concentrations. At lower PFAS concentrations, a number of PIGE results were non-detect; this was likely a function of the limit of quantification for PIGE in this set of analyses (5 ppb). PIGE data were also compared to total PFAS concentrations measured in co-located soil samples. Note that some deviation between PIGE data from aqueous samples and soil data are to be expected due to the influence of the matrix and partitioning characteristics. Despite this limitation, measurable fluorine was detected in 9 of the 14 samples where PFAS was detected in co-located soil samples.

Overall, a significant portion of the PIGE results (50%) from groundwater samples were non-detect, and these generally corresponded to samples with low PFAS concentrations. At this site, the total PFAS concentration was above 4 ppb in all samples. Collectively, these data suggest that the primary applications of PIGE as a characterization tool will be in source areas where PFAS concentrations are high enough to offset PIGE quantitation limits.

Linear regression of the PIGE total fluoride results and the total PFAS concentrations in soil yielded a weak linear correlation with an r^2 of 0.13. At this site, these results suggest that PIGE as a characterization tool is not applicable for soil analysis.

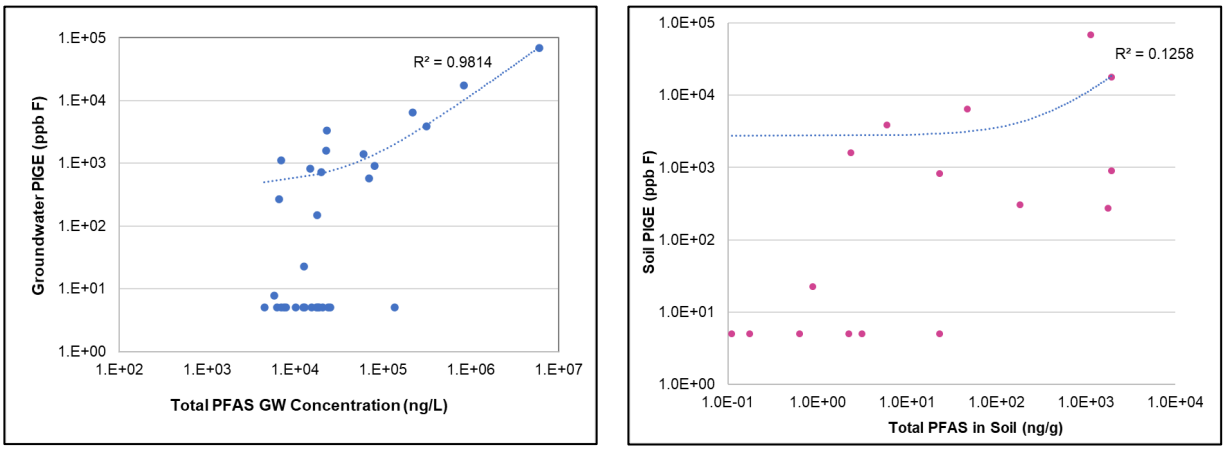


Figure 5-46. PIGE vs. Total PFAS in Groundwater (Left Panel) and Soil (Right Panel)

Conceptual Site Model

The spatial patterns in PFAS data were used to develop a Conceptual Site Model that identifies the relevant transport processes, the potential for migration, and active natural attenuation mechanisms at the site (Figure 5-47). This can include retardation due to various mechanisms, as well as biodegradation of polyfluorinated compounds which may serve as precursors to PFAAs.

As described above, PFAS concentrations were generally highest in shallow soils, in part due to the presence of low-permeability soils that helped limit transport, although the contribution of vadose zone retention processes was less pronounced at this site. Retention within the source area can be attributed to mechanisms such as retardation due to the enhanced electrostatic interactions due to the presence of brackish to saline groundwater (PFAS "salting out"), partitioning of PFAS to solid-phase surfaces as a result of hydrophobic interactions, and slow advection and diffusion into shallow lower-permeability soils.

The presence of intermediates of suspected biotransformation pathways confirmed that this mechanism was active, and differential transport rates caused a shift to shorter-chain compounds moving downgradient. Collectively, these processes contribute to attenuation of PFAS concentrations moving away from the source, with decreases in concentration of greater than 3 orders of magnitude observed between the source area and the farthest downgradient locations. However, due to the high source strength (maximum total PFAS concentration >6,000,000 ng/L in groundwater), plume development has resulted in elevated concentrations (>4,000 ng/L) throughout the investigated area.

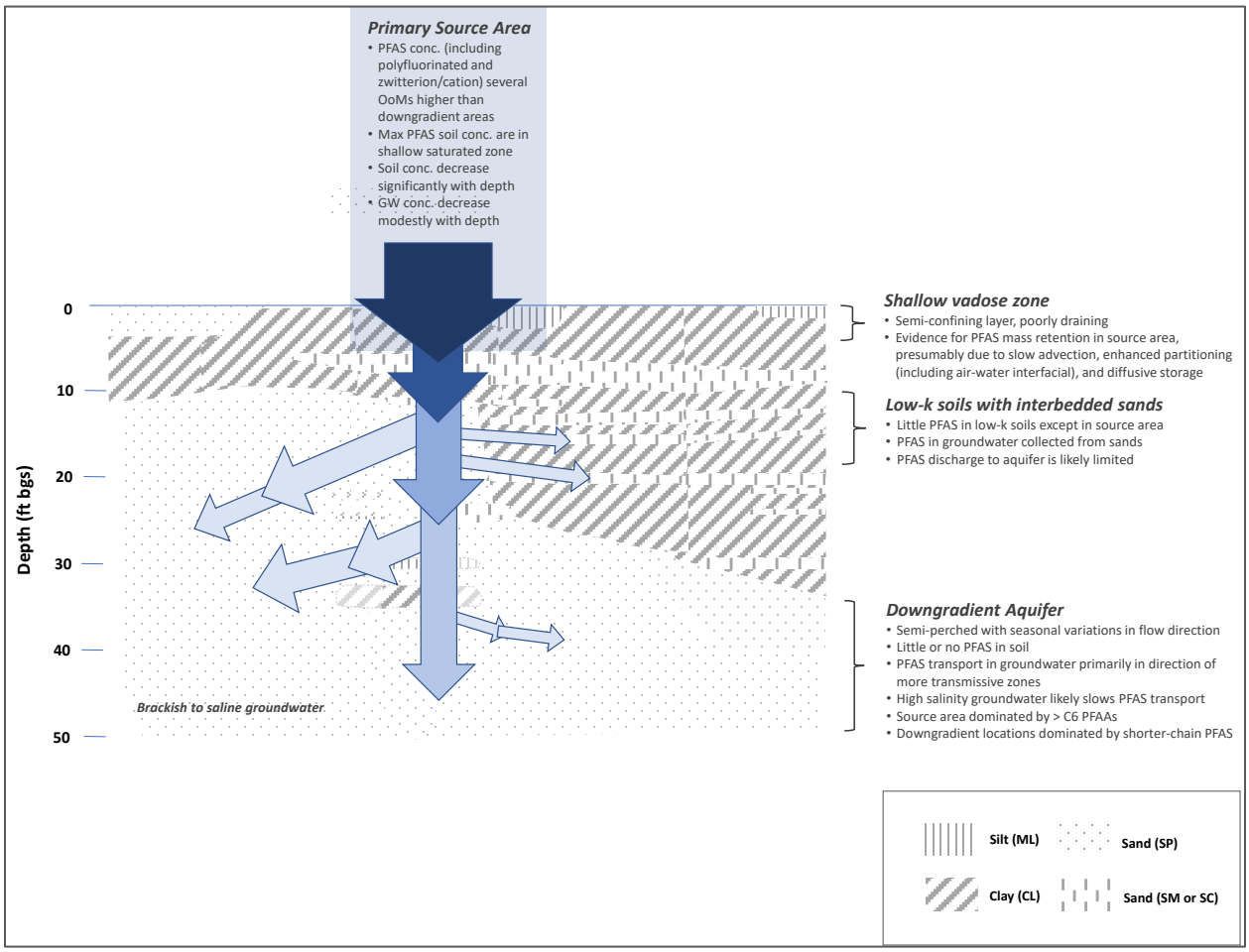


Figure 5-47. Conceptual Site Model for PFAS Source and Fate and Transport at Pt. Mugu.
Shows representative cross section (A-A'; approximatley 3400 ft), with groundater flow direction varying seasonally from southwesterly (right to left) to northeasterly (left to right). Static water levels ranged from 2-6 ft bgs.

5.7.4 Results: NALF Fentress, VA

Site Characterization Overview

Site characterization was conducted at NALF Fentress, in Chesapeake, Virginia from 19 September – 3 October 2019. The section summarizes analytical results from the high-resolution soil and groundwater sampling program at this site. The investigation focused on the AFFF Storage and Transfer Area as well as downgradient points (Figure 5-48).

A total of 49 groundwater samples, 87 soil samples, 2 surface water samples, and 74 soil and groundwater QA/QC samples were collected as part of this program.

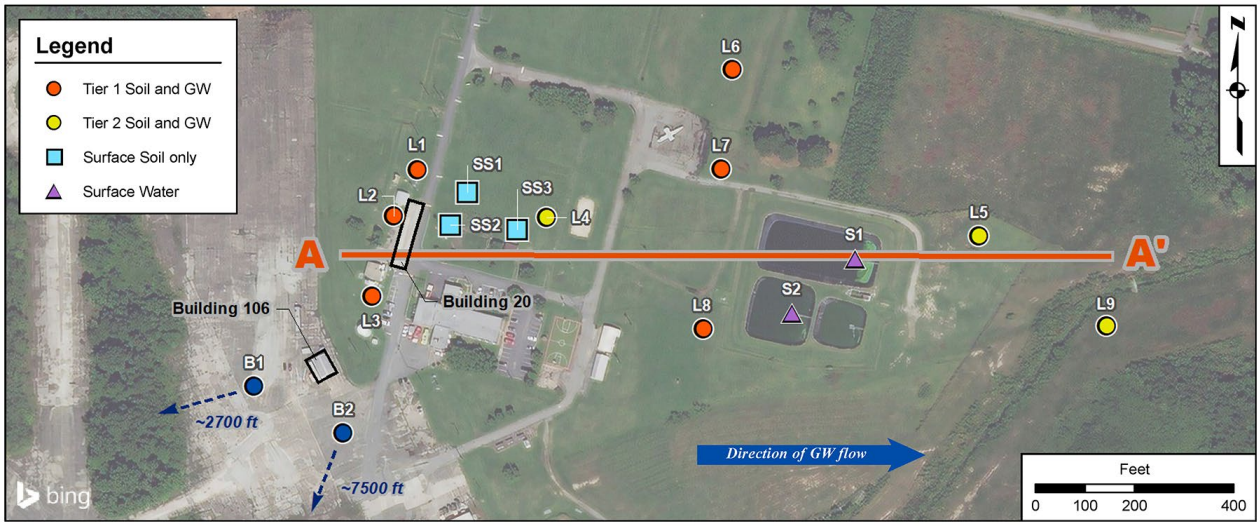


Figure 5-48. Site Map with Invesigation Locations and Transect A-A'

Site Hydrogeology

Figure 5-49 below depicts the geologic cross section A-A'. Visual inspection and classification of soil cores indicated that the first 1 to 5 ft of surficial, unsaturated soils were fine grained sands, but then consistently transitioned to a lower-permeability clay and silt layer that extended across the entire study area.

This clay-dominated layer was relatively thin (less than 5 ft) and was underlain by coarse permeable sands that were consistent with the Columbia aquifer. This water-bearing zone extended to a depth of approximately 30 ft bgs. A silt and clay confining layer approximately 5 to 10 ft separated the Columbia sands from a deeper coarse sand unit that was assumed to be the Yorktown aquifer. Two background locations upgradient of Building 106 were also characterized; one exhibited a similar geology (B1) while another that was farther upgradient had distinctly more fine-grained material within the Columbia sands (B2).

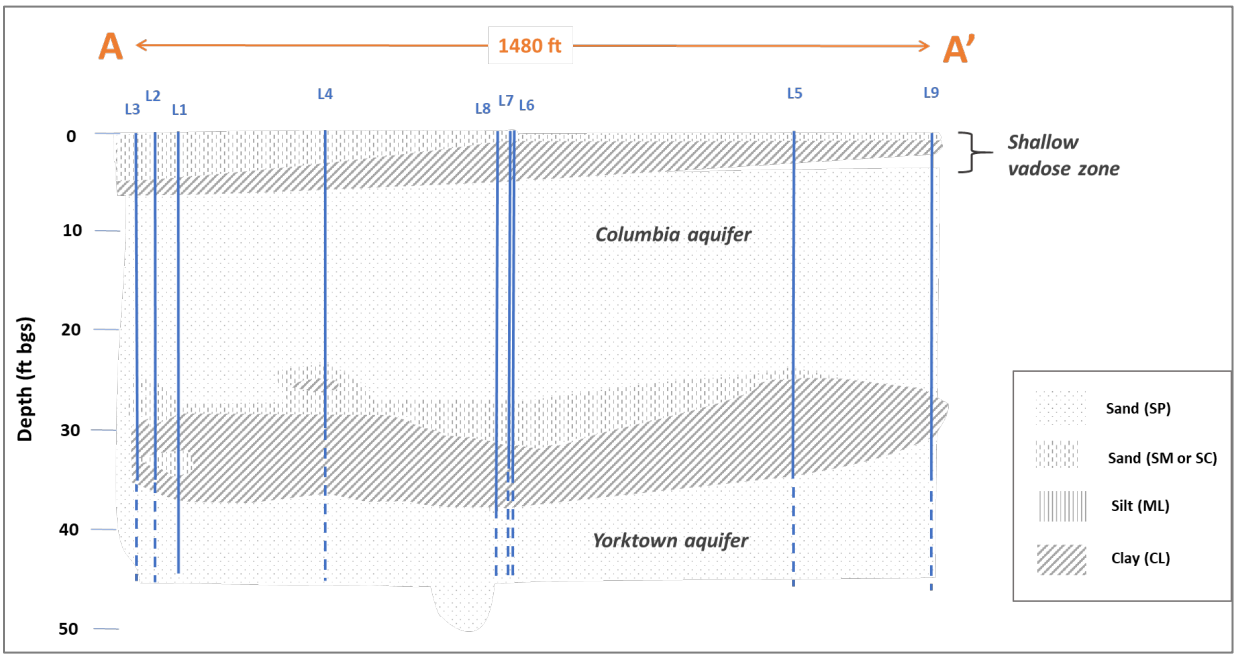


Figure 5-49. Geological Cross-Section A-A'. Direction of groundwater flow is from left to right (easterly direction). *Soil classification and depths are based on project-specific data (boring logs and HPT profiles). Static water levels ranged rom 4 to 7 ft bgs.*

The HPT logs confirmed that the shallow sands that extend to approximately 30 ft (i.e., the Columbia) and the deeper sands that start at approximately 40 ft bgs (i.e., the Yorktown) are reasonably permeable (estimated K values were generally between 50 - 100 ft/d). The clay-rich confining layer separating the Columbia and Yorktown units was also confirmed to have very low hydraulic conductivity that was at least 2 orders of magnitude lower than the overlying and underlying sands. Note that HPT was not able to collect data from the thin clay-silt layer above the Columbia sands because of its shallowness. The apparent water levels based on inspection of cores were between 4 and 7 ft bgs and were generally consistent with the start of the sandy water-bearing unit, indicating that this unit was not confined by the thin layer of overlying finer-grained surficial soils.

Based on field measurements, the groundwater was neutral (average pH = 6.6) and slightly reducing to slightly oxidizing (average dissolved oxygen = 1.5 mg/L; average ORP = 12 mV). In general, shallower groundwater was more oxidizing than groundwater collected from deeper intervals. Specific conductivity was below 1.0 mS/cm in all samples (average = 0.3 mS/cm). Methane was detected at low levels (< 1 mg/L) in most groundwater samples. Measurable organic carbon was present in all soil samples, with an average value of 0.5%.

Identification of Source Zone

Soil and groundwater concentrations of Total PFAS, PFOS, and PFOA with depth at each location along the primary transect in the direction are included in Figures 5-50, 5-51, and 5-52.

Higher soil concentrations are present near the source area and generally decrease in direction(s) of groundwater flow (Figure 5-53). For example, the highest total PFAS concentrations in soil are

observed at location L3 in the western portion of the site (maximum total PFAS concentration = 9,600,000 ng/kg; note that the actual concentration is likely higher due to PFOS exceeding the upper LOQ in this sample). Soil concentrations in samples from all other locations are more than an order of magnitude lower than those in the source area. Groundwater concentrations generally show a similar pattern (Figure 5-53); the maximum total PFAS concentration in groundwater (6,500,000 ng/L) was encountered in a shallow sample from Location L3; Figure 5-53). This location with the highest maximum soil and groundwater concentrations is immediately south of Building 20 (the former AFFF Storage and Transfer Area), and it is also the closest investigation point to Building 106 (the current AFFF Storage and Transfer Area).

Similarly, the highest PFAS concentrations in surficial soils were observed within the same general area (Figure 5-35). However, the near surface soil concentrations at locations L7 and L8 were consistently higher than those at locations L1, L3, SS1, SS2, and SS3 that are all much closer to the presumed source area. This pattern suggests that usage of AFFF may have occurred in areas beyond the immediate vicinity of the former/current AFFF Storage and Transfer Areas.

The highest PFAS concentrations in soil typically encountered in shallow depth intervals above the water table, and concentrations decreased with depth (Figure 5-54). Locations where this pattern was not observed were generally located outside of the source area. PFAS concentrations in groundwater also decreased with depth within the source area (e.g., location L3) but were more uniformly distributed in other locations.

This distribution supported the assumption that AFFF used in the vicinity of the former/current AFFF Storage and Transfer Areas is the primary source of PFAS (Figure 5-54), but that some AFFF may have been released in downgradient areas as well.

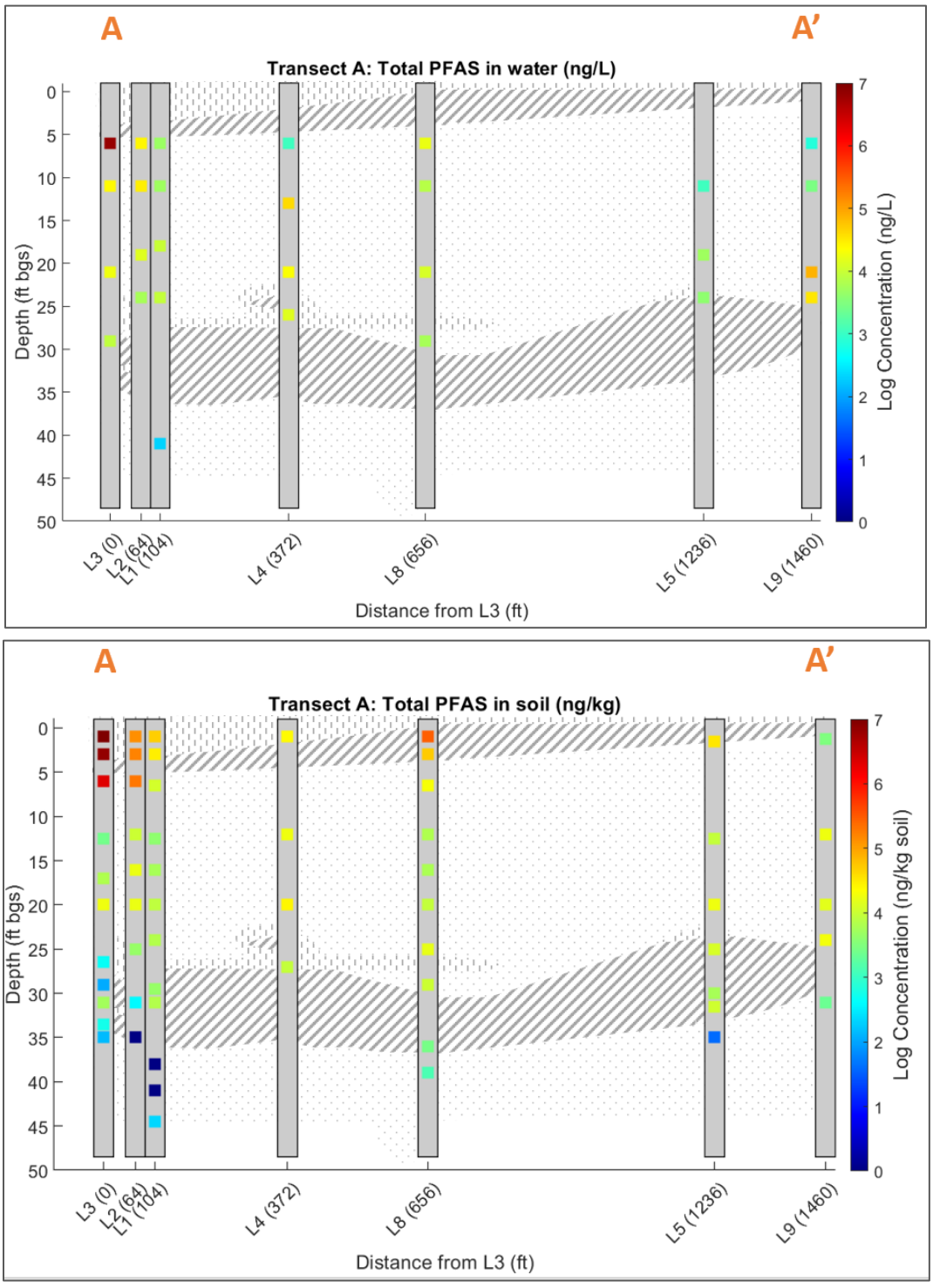


Figure 5-50. Total PFAS in Groundwater (Top Panel) and Soil (Bottom Panel). *Static water levels ranged rom 4 to 7 ft bgs.*

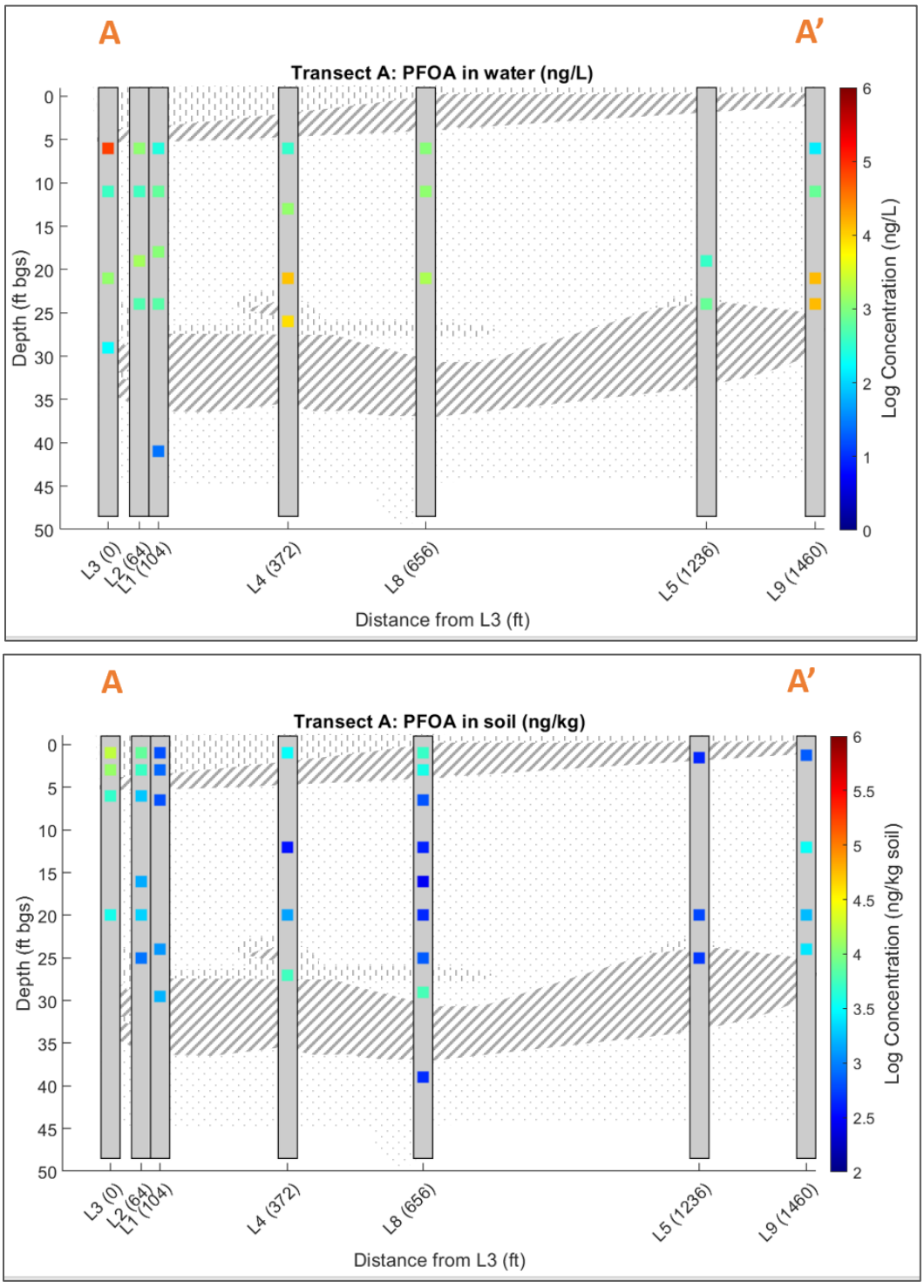


Figure 5-51. PFOA Concentrations in Groundwater (Top Panel) and Soil (Bottom Panel).
Static water levels ranged rom 4 to 7 ft bgs.

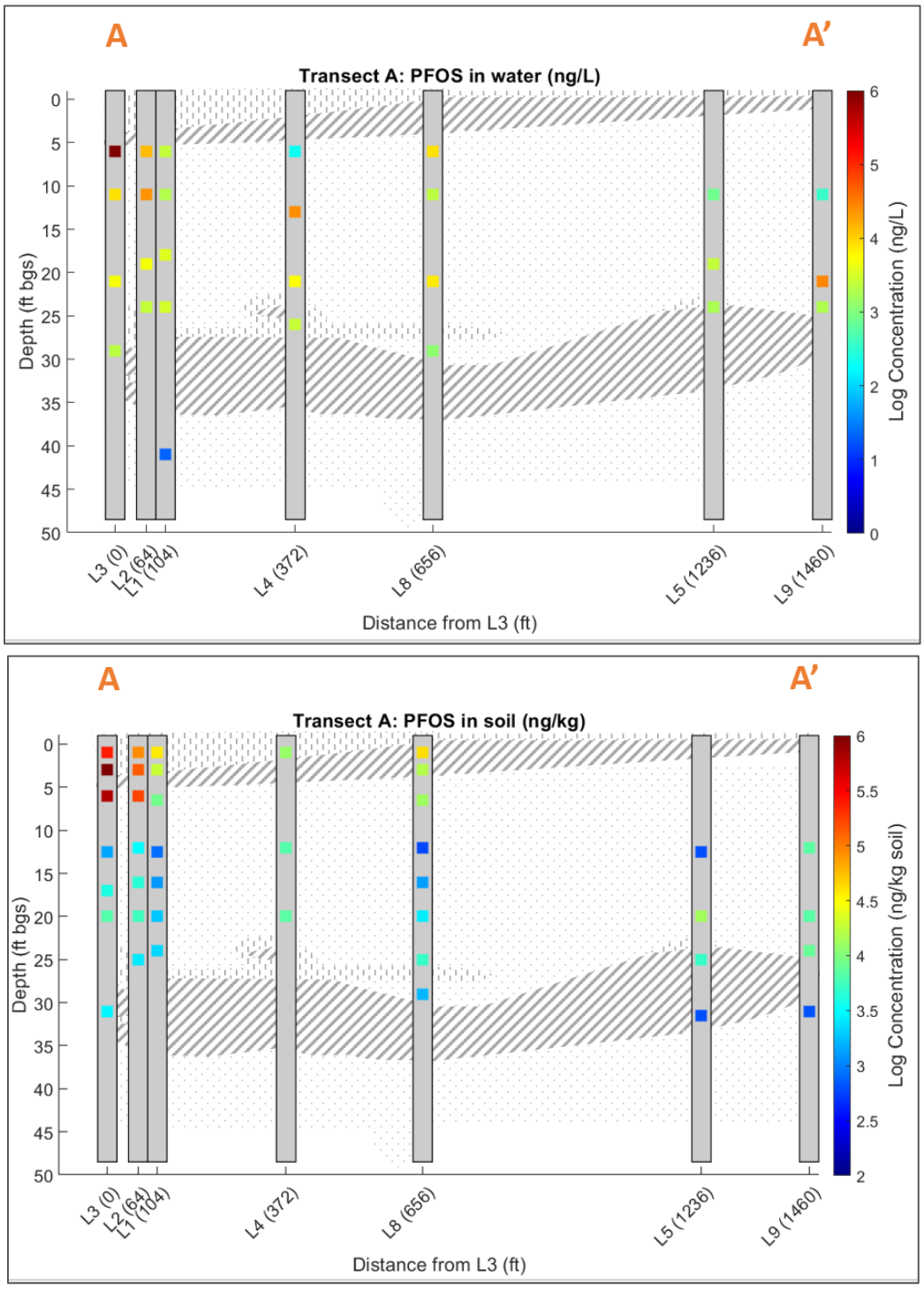


Figure 5-52. PFOS Concentrations in Groundwater (Top Panel) and Soil (Bottom Panel).
Static water levels ranged rom 4 to 7 ft bgs.

Transport Processes: Downgradient Transport

Figures 5-53 depicts total PFAS concentrations in soils from the shallow vadose zone and saturated zone. Figure 5-54 depicts total PFAS concentrations of groundwater samples. Additionally, the distribution of PFAS in soil and groundwater was evaluated laterally from the source zone and included PFAAs and polyfluorinated compounds, as well as distribution by charge (anions vs. cations + zwitterions (Figures 5-55, 5-56). Key preliminary findings to date suggest the following:

- PFAS concentrations generally decreased moving away from the source area, particularly in soil, which likely reflects where AFFF was released. The groundwater data also exhibited this pattern. This served as evidence of retardation-based attenuation of certain PFAS once they have reached groundwater.

- The spatial distribution across the site also provided evidence that electrostatic interactions influenced PFAS transport. For example, the highest concentrations of polyfluorinated compounds were encountered in the source area, as compared to further downgradient locations. Both the concentration and the percentage of total PFAS represented by polyfluorinated compounds generally decreased with depth. In all groundwater samples, greater than 97% of the total PFAS concentration was represented by anionic compounds (including both target and non-targets). Zwitterionic and cationic PFAS were detected in saturated soils collected from the far downgradient locations (L5 and L9). However, these were typically at lower concentrations relative to upgradient locations (e.g., L3, L7, L8) and partially reflect that zwitterionic/cationic PFAS were also detected in surficial (unsaturated) soils at these downgradient locations (Figure 5-53).

- In addition, higher concentrations of zwitterionic/cationic PFAS were measured in the soil samples from the source area relative to those measured in downgradient locations. Several shallow samples from location L3 had zwitterionic/cationic PFAS concentrations greater than 1,000,000 ng/kg that represented a relatively high percentage of the total PFAS (> 40%). However, zwitterionic/cationic PFAS were also represented a high percentage of the total PFAS in shallow soil samples in several downgradient locations, suggesting that source material was released and retained outside of the primary footprint of the AFFF Storage and Transfer Area. Zwitterionic/cationic PFAS were largely absent from groundwater samples collected in both the source area and at downgradient locations.

- Similarly, the spatial distribution data showed that hydrophobic partitioning to solid-phase surfaces has influenced the relative transport rates of individual PFAS. The primary evidence for this mechanism is the groundwater concentration vs. distance profiles of longer-chain PFAAs vs. shorter-chain PFAAs in the direction of groundwater flow. For example, PFOS in groundwater generally decreased across the transects, while PFBA and PFBS concentrations were still relatively high at downgradient locations L7 and L9. However, a statistical test of the overall influence of these processes on chain length distribution in groundwater was not able to conclude that the representative chain length at either the near downgradient locations (L4, L6, L7, L8) or the far downgradient locations (L5, L9) was statistically different than that the representative chain length at the source area locations (L1, L2, L3) (see below). In part, this is due to the inherent variability in aggregated data from multiple locations, as well as the possibility that surface releases

occurred at downgradient locations. Note that the isomeric profiles of PFAAs also exhibited significant variability with distance and therefore do not serve as strong evidence of differential transport in groundwater.

- As discussed previously, the presence of elevated levels of PFAS in surface soils outside of the AFFF Storage and Transfer Area suggests that PFAS may have entered the subsurface at various locations. This may have contributed mass to the aquifer at these downgradient locations through vertical transport as opposed to lateral transport, as evidence by the groundwater contours that show increases in total PFAS concentrations near location L7.

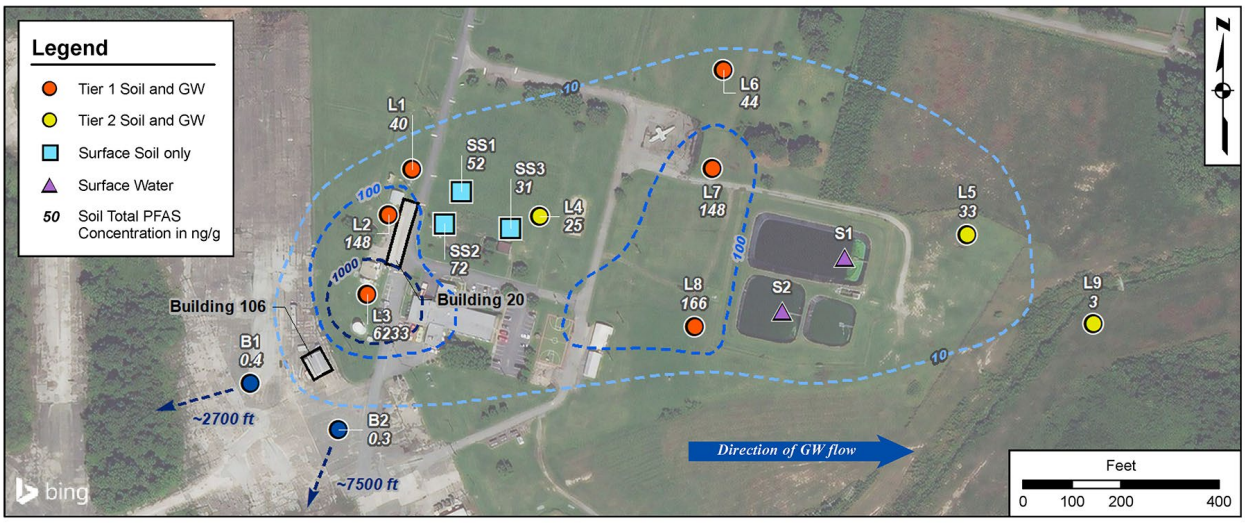


Figure 5-53a. Average Total PFAS Concentration (ng/g) of Soil Samples from Shallow Vadose Zone *(n = 1 - 3 samples per location).*

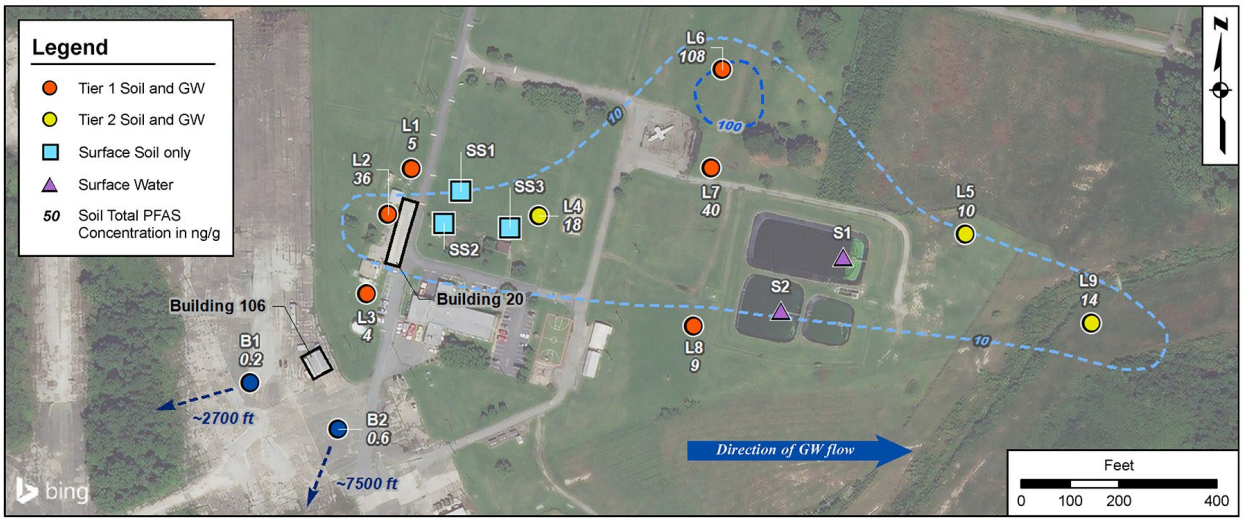


Figure 5-53b. Average Total PFAS Concentration (ng/g) of Soil Samples from Saturated Zone *(n = 3 – 10 samples per location).*

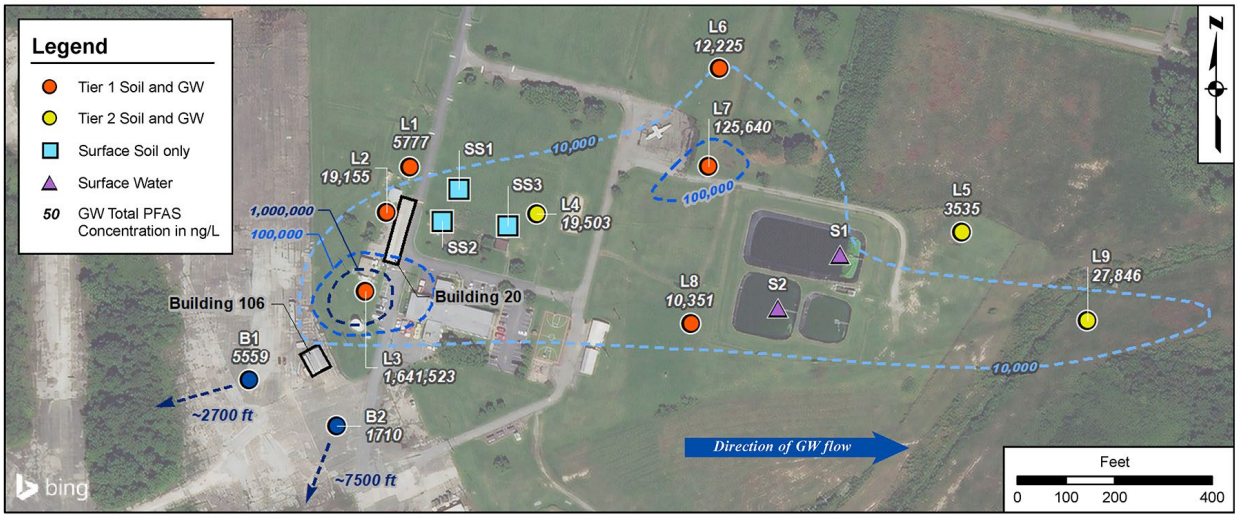


Figure 5-54. Average Total PFAS Concentration (ng/L) of Groundwater Samples
(n = 3 - 5 samples per location).

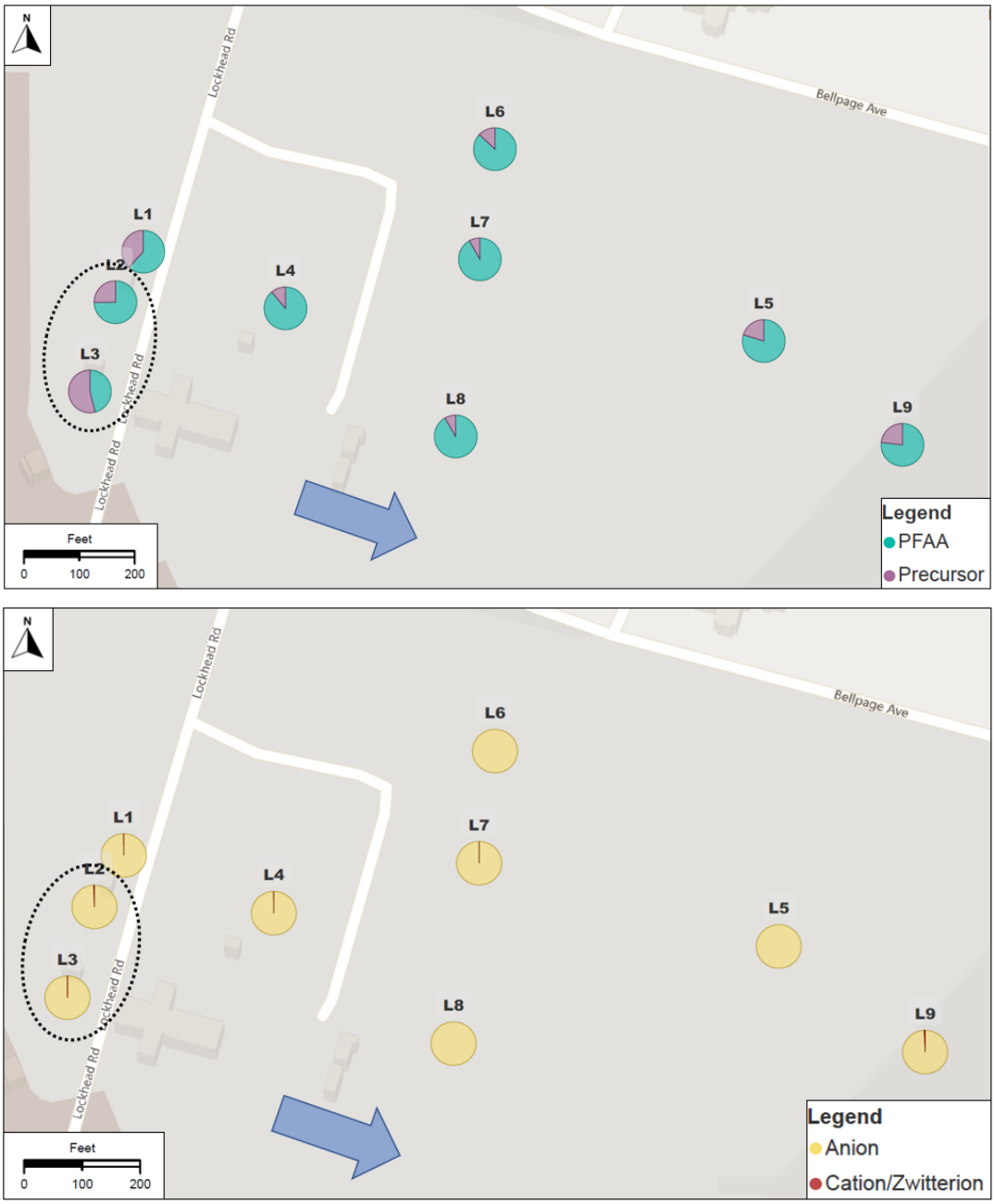


Figure 5-55. Distribution of PFAAs and Precursors (Top Panel) and Anions and Cations/Zwitterions (Bottom Panel) in Groundwater. Arrow shows general direction of groundwater flow.



Figure 5-56. Distribution of PFAAs and Precursors (Top Panel) and Anions and Cations/Zwitterions (Bottom Panel) in Soil. Arrow shows general direction of groundwater flow.

Additionally, as seen in Figure 5-57 below, weighted average chain lengths vary across the site, with somewhat greater chain lengths in the source area (6.49-7.03) as compared to near downgradient (6.54-7.00) and far downgradient (5.86-7.10) areas. However, results of the Wilcoxon Rank Sum tests on these datasets indicated no statistically significant difference in the chain lengths in the downgradient areas as compared to the source zone.

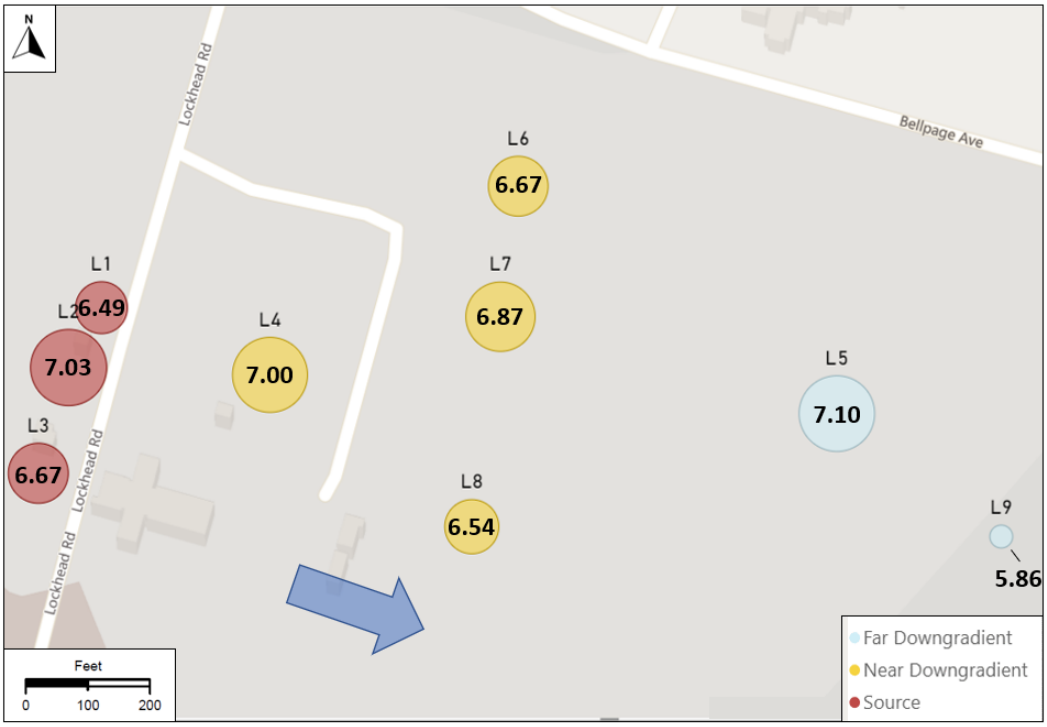


Figure 5-57. Distribution of Representative PFAS Chain Lengths in Groundwater.

Transport Processes: Retardation

Soil adsorption coefficients (apparent K_d values) were calculated for every sampling depth where both soil and groundwater samples were collected and similar sets of PFAS were detected in both matrices. Additionally, soil and groundwater characteristics were analyzed at those locations/depths in order to evaluate site-specific factors that may affect retardation. Due to the small dataset, statistical correlations with site characteristics could not be conducted, however, general trends were observed based on site data.

Table 5-6 below summarizes the soil adsorption coefficients and retardation factors for key PFAS per soil/groundwater sample pair and soil type at that depth interval. Appendix D includes K_d and retardation factors for all locations and compounds at NALF Fentress.

Similar to other sites, K_d and R values generally increased with increasing PFAS chain length and were higher for PFSAs than PFCAs, as expected. Apparent soil adsorption was generally greater in sands (SP) as compared to silts (SM) or clays (CL) for the key PFAAs listed in Table 5-6. However, there were only two groundwater samples collected from intervals that could be classified as clay, such that the representativeness of the data cannot be established.

Table 5-6. Summary of Adsorption Coefficients (K_d) and Retardation Factors (R) of Key PFAAs at NALF Fentress

Soil Type	PFPeA		PFHxA		PFOA		PFBS		PFHxS		PFOS	
	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R	Kd (L/kg)	R
CL	0.1	1	0.0	1	0.1	1	0.3	2	0.1	1	0.2	1
CL	0.9	3	0.8	3	0.8	3	0.4	2	0.3	2	1.6	5
Geomean (CL)	***0.2***	***1.9***	***0.2***	***1.8***	***0.2***	***1.8***	***0.4***	***1.9***	***0.2***	***1.4***	***0.5***	***2.6***
SC/CL	--	--	1.2	4	0.7	3	--	--	2.1	6	--	--
SC/SP-SM	--	--	0.5	3	1.6	8	0.6	4	1.3	7	11.9	53
SP-SM/SC	--	--	0.6	3	--	--	0.6	4	1.0	5	1.3	7
SP-SM/SP	--	--	--	--	2.4	12	1.1	6	1.8	9	3.6	17
Geomean (SM)	--	--	***0.7***	***3.5***	***1.4***	***6.2***	***0.7***	***4.3***	***1.5***	***6.6***	***3.8***	***18.3***
SP	--	--	--	--	--	--	--	--	0.3	2	0.4	3
SP	--	--	--	--	--	--	1.0	6	0.5	3	0.3	3
SP	--	--	--	--	2.1	11			0.7	4	0.7	4
SP	18.3	86	--	--	--	--	--	--	--	--	--	--
SP	--	--	0.0	1	0.0	1	0.1	2	0.1	1	0.1	2
SP	5.3	26	0.8	5	0.6	4	--	--	0.5	3	0.5	3
SP	--	--	0.3	2	0.1	2	--	--	0.4	3	0.5	3
SP	--	--	0.7	4	0.6	4	--	--	0.4	3	1.7	9
SP	--	--	1.3	7	0.3	3	--	--	0.2	2	0.3	2
SP	--	--	1.4	8	0.2	2	--	--	0.7	4	0.4	3
SP	--	--	8.1	39	4.7	23	6.2	30	7.0	34	19.0	90
SP	--	--	0.2	2	0.1	2	0.2	2	0.3	2	0.3	2
SP	--	--	0.3	2	0.2	2	0.5	3	0.8	5	4.2	21
Geomean (SP)	***9.8***	***47.0***	***0.5***	***4.3***	***0.3***	***3.2***	***0.6***	***4.4***	***0.5***	***3.5***	***0.7***	***4.7***

Transport Processes: Vertical Transport

As noted previously, soil concentrations generally decreased with depth, with the highest PFAS concentrations in soil typically encountered in shallow depth intervals above the water table. There were a few locations where this pattern was not clearly observed (e.g., locations L4 and L9) where this pattern was not observed were generally located outside of the source area.

Higher concentrations of polyfluorinated compounds were encountered in the source area, as compared to further downgradient locations. Both the concentration and the percentage of total PFAS represented by polyfluorinated compounds generally decreased with depth. Given that the percentages of anionic PFAS measured in saturated soil samples (i.e., samples collected below the water table) were generally lower, this is evidence that the charges on PFAS were strongly influencing the partitioning between soil and groundwater.

These patterns were further evaluated using the Wilcoxon Rank Sum test to compare PFAS concentrations/distribution in soils from the saturated vs. unsaturated zone. In this case, all unsaturated soil samples were aggregated into one dataset and log transformed, while saturated soil samples with the highest PFAS concentration at each location were aggregated into another dataset. This ensured that a representative saturated soil sample from each location was included and that samples from deeper and/or less impacted intervals did not bias the comparison. This evaluation showed that the median total PFAS concentration and median total PFAA concentration was significantly higher in unsaturated soils than in saturated soils (Table 5-7; Figure 5-58). The median total zwitterionic/cationic PFAS concentration in unsaturated soils was also higher than in

saturated soils but did not meet the threshold for statistical significance, in part because there were fewer samples with measurable levels of zwitterions/cations to include in the analysis.

While location L3 is within the presumed source area where AFFF releases occurred because it exhibited the highest total PFAS concentrations at the surface, several other locations were also characterized by higher concentrations within the shallow unsaturated soils than in the underlying aquifer. It is unlikely that groundwater transport could have plausibly caused this concentration vs. depth pattern. A more plausible scenario is the release of AFFF to the ground surface at these locations, several of which are relatively distant from the presumed source area.

PFAS concentrations in groundwater also decreased with depth within the source area (e.g., location L3) but were more uniformly distributed in other locations. The only locations where the maximum groundwater concentration was encountered at a relatively deep interval (20 ft bgs or greater; locations L6, L9, and L5) were in the downgradient plume, suggesting some vertical migration within the groundwater-bearing unit during downgradient transport.

Table 5-7. Comparison of PFAS Concentrations in Saturated vs. Unsaturated Zone Soils

Saturated Zone Samples (max. conc. at each location; n=9)	Unsaturated Zone Samples (all samples; n=16)	Significantly Different? (p-value)
Median Total PFAS = 19 ng/g	Median Total PFAS = 90 ng/g	**Yes (p=0.02)**
Median Total PFAA = 13 ng/g	Median Total PFAA = 59 ng/g	**Yes (p=0.04)**
Median Total Zwitterion/Cation = 5.1 ng/g	Median Total Zwitterion/Cation = 24 ng/g	No (p=0.16)

Note: (1) Significant differences were evaluated based on $p<0.05$ for two-sided Wilcoxon Rank Sum test; (2) Log-transformed data were used in the comparison, meaning that the median values for zwitterion/cation category do not include samples with non-detectable levels.

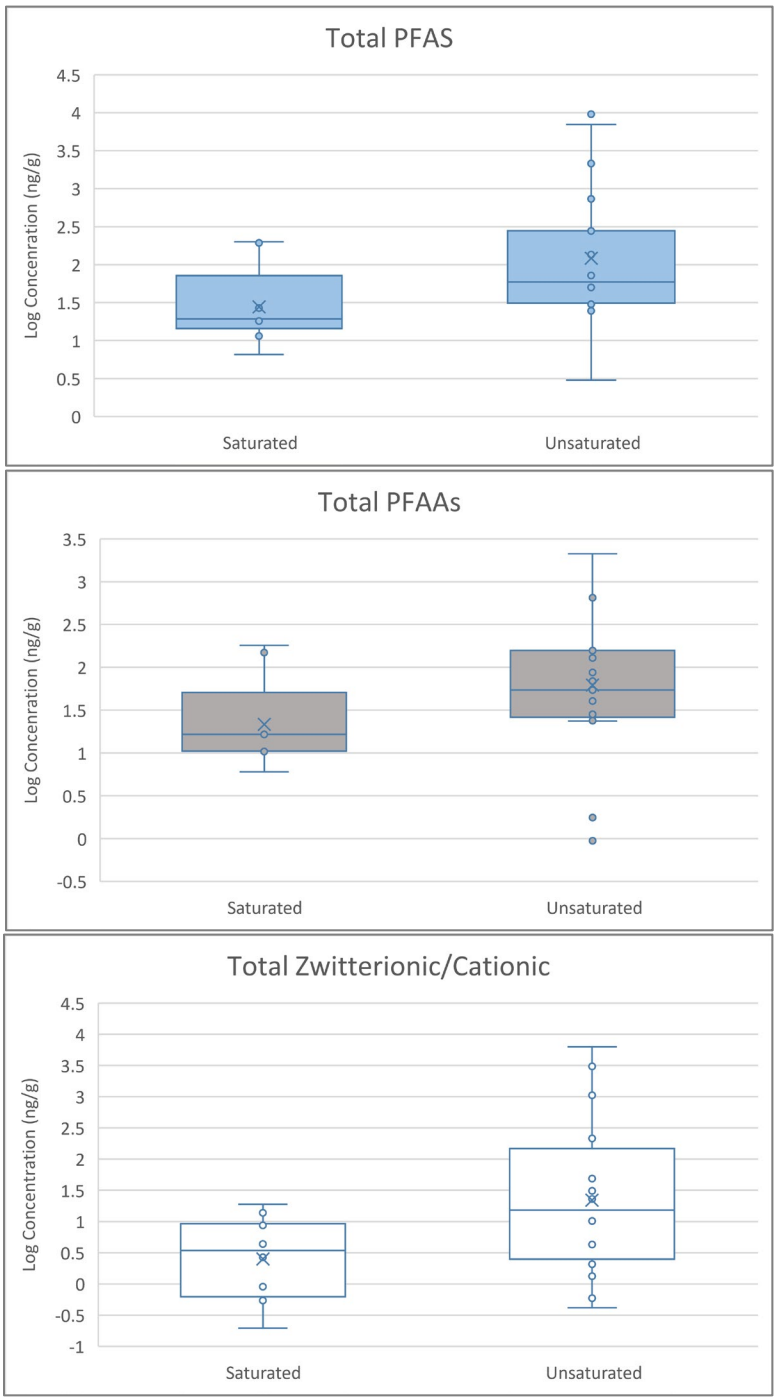


Figure 5-58. Distribution of Concentrations in Soil Samples from Saturated Zone (samples with max concentration at each location) vs. Unsaturated Zone (all samples from all locations). *(a) Total PFAS Concentrations; (b) Total PFAA Concentrations; and (c) Total Zwitterionic/Cationic Concentrations.*

Transport Processes: Evidence for Matrix Diffusion

Across the site, a thin clay and silt-rich layer is present immediately below the sandy surficial soils and above the top of the Columbia aquifer. This layer is generally less than 3 ft thick but likely slows the rate of vertical advection through the vadose zone. In addition, diffusion of PFAS into this shallow low-permeability soil is likely to promote long-term storage. PFAS was present in samples collected in samples from this clay/silt layer throughout the site, and the concentrations were generally higher than those in the underlying sands. This concentration pattern was distinct within the source area, such as location L3 where shallow soils had both elevated concentrations but also a high contribution from zwitterionic/cationic precursors (Figure 5-59). This confirms that PFAS has penetrated the shallow low-permeability soils, presumably from the top, and that further discharge to groundwater may be strongly influenced by slow back diffusion.

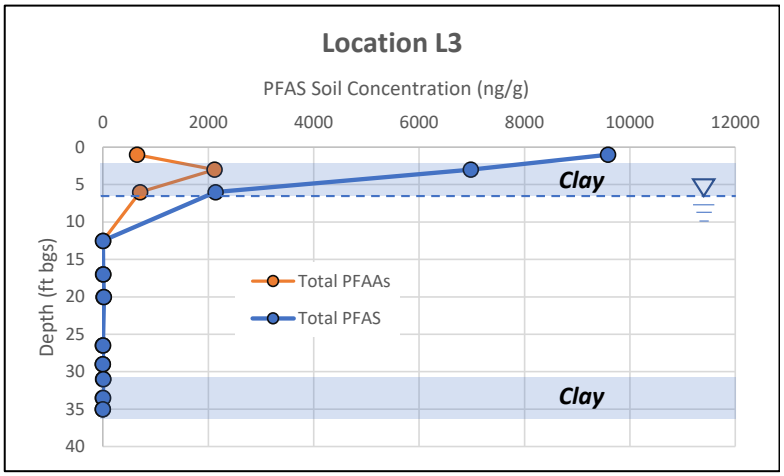


Figure 5-59. PFAS Profile with Depth at Location L3 (Source Area) Showing High Concentrations within Shallow Clay but Not Deeper Clay.

The Columbia aquifer is underlain by low-permeability clay layer that is first encountered at between 25 to 31 ft bgs. Based on the concentration vs. depth profiles, evidence that PFAS had diffused into this layer was observed at a few locations downgradient of the source area (L5, L6). Only limited penetration the deeper low-k layer at location L3 where the highest groundwater concentrations were observed, in part because vertical migration at this location appears to be limited as described above (Figure 5-59).

Evidence for Biotransformation of Precursors

Field measurements indicated that redox conditions in groundwater were slightly reducing to slightly oxidizing, such that oxygen availability may limit aerobic biotransformation (the presumed natural attenuation pathway for PFAS) at site at the time of the investigation. However, shallower groundwater appeared to be slightly more oxidizing, reflecting oxygen contributions from recharge.

Despite this limitation, several lines of evidence for PFAS biotransformation were observed at this site, including the detection of several presumed biotransformation products at multiple locations. These include the fluorotelomer sulfonates (6:2 FTS and 8:2 FTS primarily), which are at the highest concentrations of all fluorotelomer compounds in both soil and groundwater. These compounds are suspected intermediates the transformation of other precursors because they are generally not a major component of AFFF or other PFAS sources. The fluorotelomer sulfonates are present in both soil and groundwater, with the highest concentrations in both matrices generally found near the source (locations L3) within relatively permeable soils where groundwater was collected, as well as in soils both lower and higher permeable intervals (including the unsaturated

zone). They also represented a relatively higher percentage of the total PFAS in several groundwater samples from the location farthest downgradient (L9) of the source area. This pattern is consistent with biodegradation of polyfluorinated precursor compounds within the plume during transport.

In both groundwater and soil samples, PFOS was the highest-concentration PFAA in nearly all cases, such that the presence of PFOS precursors was also seen as a strong indicator of biotransformation at the site. Several C8 ECF-sulfonamides were routinely detected in soil samples from the source area and identified as possible precursors and transformation intermediates on the pathway to PFOS (e.g., Me-FOSA, Et-FOSA, FOSAA, MeFOSAA, EtFOSAA, Spr-FOSA, AmPr-FOSA, EtOH-AmPr-FOSA, TAmPr-FOSA, SPrAmPr-FOSA, CEtAmPr- FOSA, TAmPr-FOSAPrA, and FOSA). However, these were generally present only at trace levels in the downgradient locations, such that conversion of these precursors is likely occurring primary within the source area. This is consistent with the observation that concentrations of PFOS decrease with distance from the source area as well. It is also notable that many of these are zwitterionic/cationic PFAS and are absent from groundwater samples, suggesting that retention of these less mobile compounds within the source area is contributing to the observed attenuation patterns.

FHxSA was also consistently detected in both soil and groundwater at relatively high concentration when compared to other detected precursors (even the fluorotelomer sulfonates). For example, FHxSA was detected at 480,000 ng/L in the shallowest groundwater sample and 297 ng/g in the shallowest soil sample from source area location L3. FHxSA groundwater concentrations decreased with distance from the source but were still detected in multiple depths at all downgradient locations, suggesting that some transformation was occurring within the plume. All of the presumptive precursors to FHxSA described in the transformation pathway presented in Section 5.7.2 were detected at this site in both soil and groundwater (i.e., the-perfluorohexane sulfonamido propyl sulfonates), although they were primarily restricted to the source area. Several other compounds which contain the perfluoroalkyl sulfonamide chain and could therefore be precursors to FHxSA and ultimately PFHxS were detected. For example, zwitterionic TAmPr-N-MeFHxSA and TAmPr-FHxSA were among the highest concentration compounds detected in soil within the source area (at concentrations > 100 ng/g), although they were not detected in groundwater. In groundwater, anionic SPr-FHxSA and CMeAmPr-FHxSA were both detected at greater than 50,000 ng/L at the shallowest sample from source area location L3 (representing approximately 15% of the total PFAS detected in this sample). In general, these C6 precursor compounds were at the highest concentration in the vicinity of the source area and decreased (or were non-detect) in groundwater samples from farther downgradient, further emphasizing that biotransformation was most relevant within the source area.

The proportion of branched PFOA in many groundwater samples was < 20% (i.e., lower than the proportion expected from ECF-derived PFOA). This provides indirect evidence that some PFOA presently in the subsurface was derived from transformation of linear fluorotelomer precursors. Potential ECF-based precursors to PFOA could not be readily identified. For example, N-dimethyl ammonio propyl-perfluorooctane amide (AmPr-FOAd, a C8 amide) was detected at low levels (< 1 ng/g) in soil samples and absent from groundwater.

At this site, spatial trends in the contribution of precursors to the total PFAS concentration provided mixed evidence of biotransformation. In terms of total concentrations, precursors were generally

lower in soil and groundwater samples collected at locations moving away from the source area. When aggregating the data by location, the percentage of precursors at source area locations was relatively similar to that observed at downgradient locations, even though biotransformation to PFAAs during transport would be expected to decrease the contribution of precursors to the total PFAS concentration (Figure 5-47, Figure 5-48). Differences between precursor content in unsaturated soils vs. saturated soils were generally modest, with the exception of the source area location L3. The three highest precursor concentrations were all found in the unsaturated soils collected from this location (1400 – 8900 ng/g) and represented between 67-93% of all PFAS measured in this set of soil samples. In contrast, the shallowest three saturated soil samples from location L3 contained much lower percentage of precursor compounds (26-32%) as well as lower overall concentrations. This pattern likely reflects a combination of biotransformation and different transport rates when precursors migrate through the vadose zone.

Differentiate AFFF and non-AFFF Sources

PFAS compositional data, including precursor data, confirmed the use of multiple different types of AFFF products within the source area, including ECF-based foams as well as telomer-based foams. PFOA and PFHxS were typically the highest concentration PFAS in soil, along with PFOA, PFHxA, PFNS, and PFDS. PFCAs and PFSAs of multiple chain lengths were both well represented in most samples, with the latter generally at higher concentrations. ECF-based sulfonamides (predominantly C6 compounds) and other ECF-based derivatives were typically present at significantly higher concentration than fluorotelomers in soil and (to a lesser extent) in groundwater, The primary fluorotelomer sulfonates present were 6:2 FTS and 8:2 FTS.

The isomeric data from the groundwater analyses provided corroborating evidence on source types. Specifically, the percentage of the branched isomer of PFOS was almost exclusively at or above 20%, consistent with ECF-based AFFF as the primary PFOS source. The branched isomer percentage for PFOA is consistently between 12 and 45%, which suggests that both telomer and ECF-based AFFF are contributing sources of PFOA at this site.

Soil samples from the source area locations, particularly location L3, also contained detectable levels of multiple substituted and/or unsaturated PFAA derivatives which spanned a wide range of chain lengths. These are compounds that have been reported based on analyses of AFFF and/or AFFF-impacted media and likely originated from electrochemical fluorination manufacturing (Barzen Hanson et al., 2017). Notable examples include F5S-PFOS (max concentration = 126 ng/g), F5S-PFNS (max concentration = 54 ng/g), O-PFDS (max concentration = 50 ng/g).

PFAS was present at all locations, including the background locations which are located between 0.5 and 1.5 miles away from the presumed source area in the opposite direction of groundwater flow. Most soil samples from the two background locations contained low PFAS (0 – 900 ng/kg), and all groundwater samples from these two locations contained measurable PFAS (1,200-16,000 ng/L). However, PFOS was not detected in the soil at background locations, and only in location B1 in groundwater. In addition, the number of different PFAS detected in some samples are consistent with not only multiple types of AFFF but also raise the possibility of other PFAS sources. For example, in the soil and groundwater samples from location L3 (the presumed source area), a total of 198 different compounds were detected in soil and 75 different compounds were detected in groundwater. These higher than the number of analytes detected at either of the

other two sites included in this project. All background soil samples were dominated by polyfluorinated, substituted, and/or unsaturated PFAS, particularly negatively charged ECF-based sulfonamides and other ECF-based derivatives, many of which were found in one or more locations closer to the AFFF Storage and Transfer Area. No compounds unique to the background locations were detected in groundwater samples (Figure 5-60) but several unique compounds were detected in soil samples (e.g., UPFOS, H-PFPeA).

The presence of these compounds suggests that alternative PFAS sources may have contributed to the observed PFAS, although a source cannot be readily identified. No other known or suspected sources of PFAS were reported in site documentation. Compounds that have been proposed to be diagnostic of landfill leachate and/or highly degraded household source, such as shorter chain fluorotelomer intermediates (5:3 FTCA) could not be detected at any location. Sulfonamides that are generally not expected to be associated with AFFF (e.g., MeFOSA, EtFOSA, corresponding sulfonamidoacetic acids) were detected sporadically in soil from the source area at trace levels, but not in groundwater or in any background locations. FOSA (a potential degradation product of these compounds) was detected more consistently at multiple locations in both soil and groundwater, and it frequently represented >10% of the total PFAS detected. As noted previously, many of the compounds that were unique to the source area and background locations were identified through suspect screening, so care should be taken when using these data for forensic purposes at this and other sites.

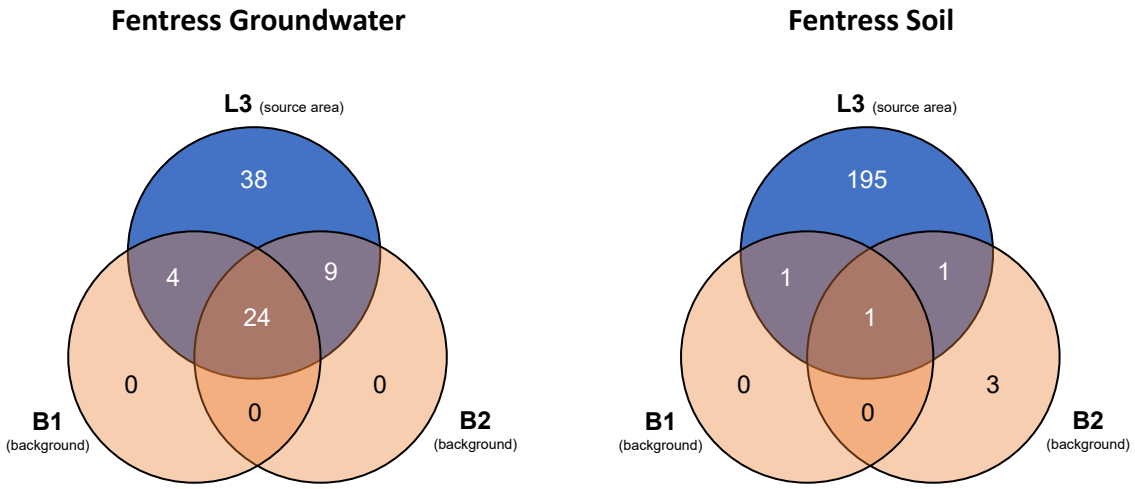


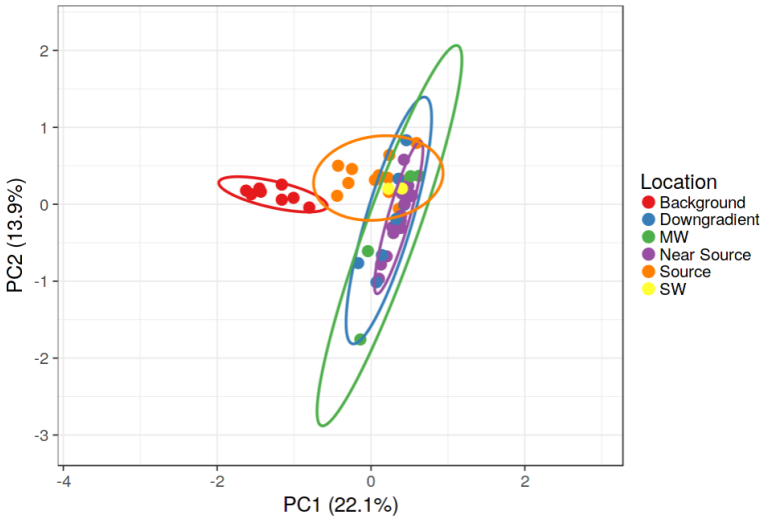
Figure 5-60. Comparison of Detected Compounds at Selected Locations in Groundwater (Left Panel) and Soil (Right Panel) from Fentress.

The relative absence of PFAAs in background locations serves as a secondary line of evidence for differentiating between the AFFF source and other diffuse sources. The majority of the PFAS detected in these background locations was anionic (and thus potentially more mobile), but there was no strong concentration gradient with depth that would suggest either localized surface releases or transport via groundwater.

Cluster analysis provided additional supporting evidence that different PFAS sources were contributing to the observed patterns at background locations. PCA results for unfiltered soil and groundwater data shown in Figure 5-61 show that the data from the background locations cluster

tightly. In groundwater, the background data form a distinct cluster with no overlap between the confidence intervals for either the source area or the near source/downgradient locations (which all cluster relatively closely with each other). In soil, the data from the background locations cluster tightly but still overlap with the confidence intervals for source area locations due to the higher variability in soil data from the source area. Like the analyses from the other two sites, only a small portion of the overall variability is explained by the first two principal components (PCA1 + PCA2 = 36% for groundwater; PCA1 + PCA2 = 23.6% for soil).

Fentress - GROUNDWATER
No filtering (all analytes)
Source = L1, L2, L3
Background = B1, B2
Near Source = L4, L6, L7, L8
Downgradient = L5, L9
MW = Monitoring wells (near source)
SW = Water impoundment (downgradient)



Fentress - SOIL
No filtering (all analytes)
Source = L1, L2, L3
Background = B1, B2
Near Source = L4, L6, L7, L8
Downgradient = L5, L9
Surface Soil = SS1, SS2, SS3 (near source)

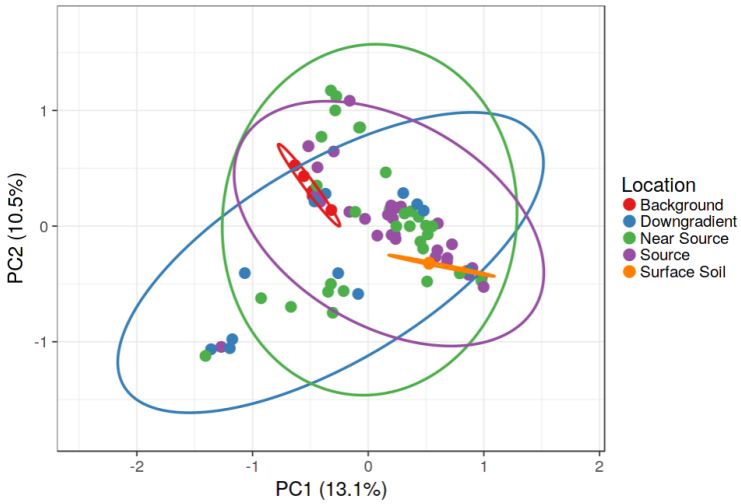


Figure 5-61. Principal Component Analysis for Groundwater Data (Top Panel) and Soil Data (Bottom Panel) from Fentress. *Analyses performed on transformed data from all locations and included all reported analytes (unfiltered).*

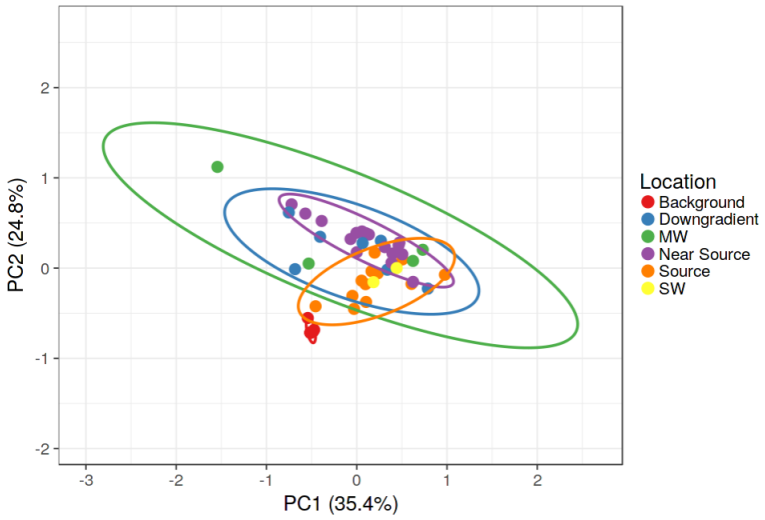
Rerunning the PCA after further data filtering provided additional resolution, particularly for the groundwater data. This included runs with only target analytes (Figure 5-62, top panel) and with only select locations (Figure 5-62, bottom panel). After reducing the number of variables to only target analytes, the background location groundwater data form an even tighter cluster that is

distinct from the source area data, which clusters similarly with the groundwater data from the near downgradient and downgradient locations. Note that the source area and plume datasets also cluster with groundwater data from existing monitoring wells at the site (all of which are located near the source) as well as surface water samples from impoundments which are located in the downgradient plume. This suggests that PFAS associated with AFFF releases in the AFFF Storage and Transfer Area are the source of PFAS detected in the plume, even after accounting for shifts in composition during transport. these results also suggest that runoff of PFAS from surficial soils (which exhibit high PFAS concentration relative to deeper soils at this site) is likely contributing to PFAS detected in the surface water impoundments, especially given that similar clustering occurred in the unfiltered groundwater data (Figure 5-63). This distinct clustering of the background location data becomes even more apparent when only the data from source area location L3 and background location B1 and B2 were included (Figure 5-63, bottom panel). The confidence intervals for the background data do not overlap with the confidence interval for the source area location. The variability explained by PCA1 and PCA2 is slightly higher for these two evaluations (60.2% for the run with only target analytes; 50.1% for the run with only select locations).

The HCA results are largely consistent with the PCA results, with the source area forming a grouping, although the background samples formed two groups, one of which was more closely related to the source area data than the other background data.

Collectively, these data support that the PFAS detected at the background locations at this site are unrelated to the releases associated with the AFFF Transfer and Storage Area, and that the PFAS may have come from non-AFFF sources.

Fentress - GROUNDWATER
Filtered—includes only target analytes
Source = L1, L2, L3
Background = B1, B2
Near Source = L4, L6, L7, L8
Downgradient = L5, L9
MW = Monitoring wells (near source)
SW = Water impoundment (downgradient)



Fentress - GROUNDWATER
Filtered—includes select locations
Source = L3
Background = B1, B2

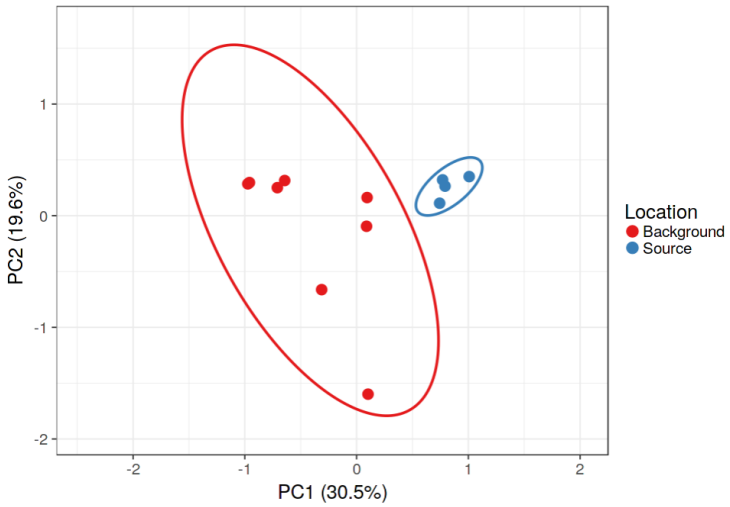


Figure 5-62. Principal Component Analysis for Groundwater Target Analyte Data from All Locations (Top Panel) and Groundwater Target and Non-Target Data from Select Locations (Bottom Panel) from Fentress. *Analyses performed on transformed data.*

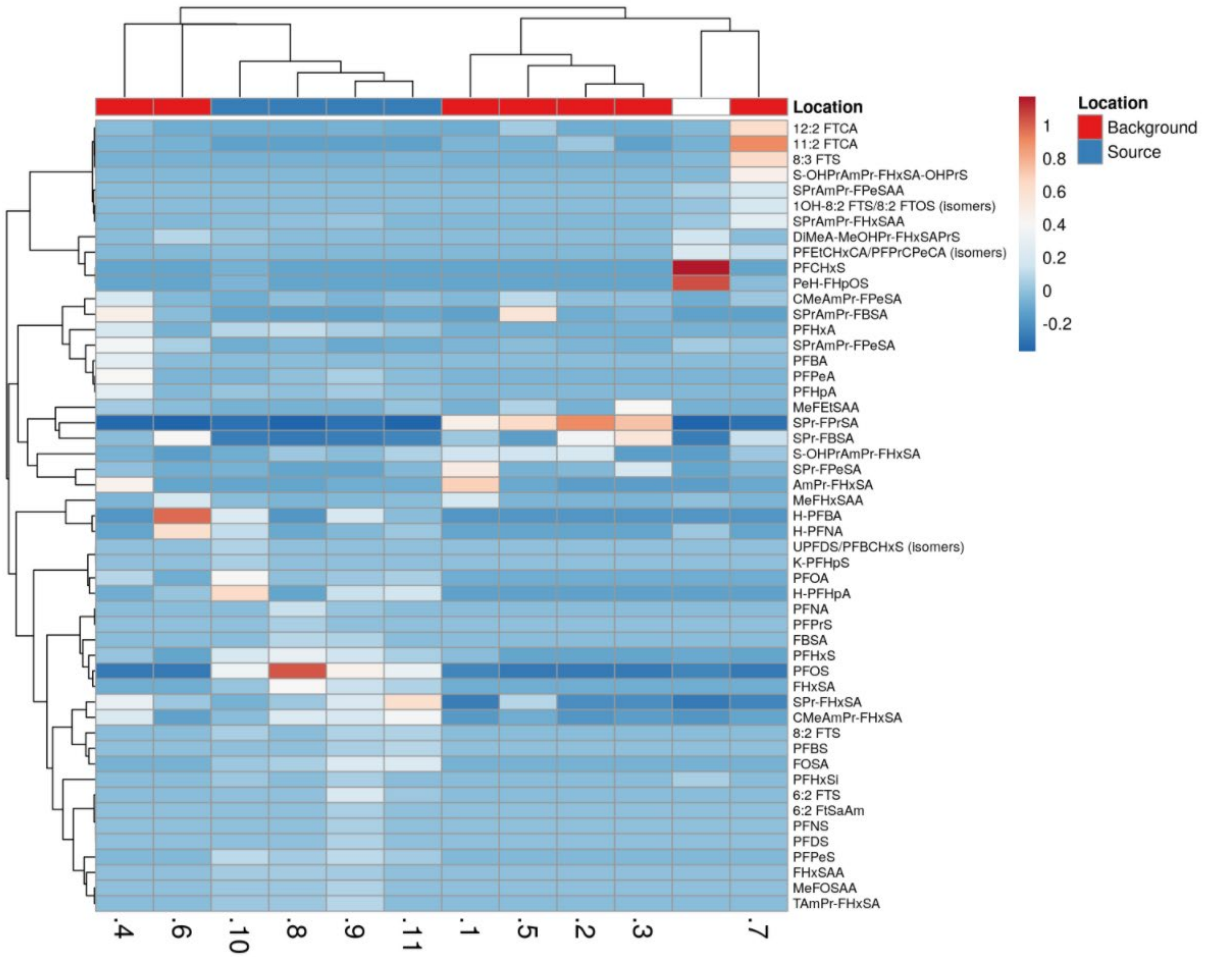


Figure 5-63. Hierarchical Cluster Analysis for Groundwater Target and Non-Target Data from Select Locations from Fentress. *Analyses performed on transformed data.*

PIGE vs. Total PFAS Concentration in Groundwater

Linear regression of the PIGE total fluorine results and the total PFAS concentrations measured in groundwater using LC-QTOF-MS yielded a strong linear correlation with an r^2 of 0.98 (Figure 5-64). These data were also evaluated using the Spearman's Correlation test and resulted in a statistically significant relationship (p=0.002). It is noteworthy that there were no false negatives using PIGE; false positives were not an issue because PFAS was detected in all groundwater samples. There was one datapoint that was a likely outlier due to a PIGE-based measurement that was several orders of magnitude higher than predicted value from linear regression.

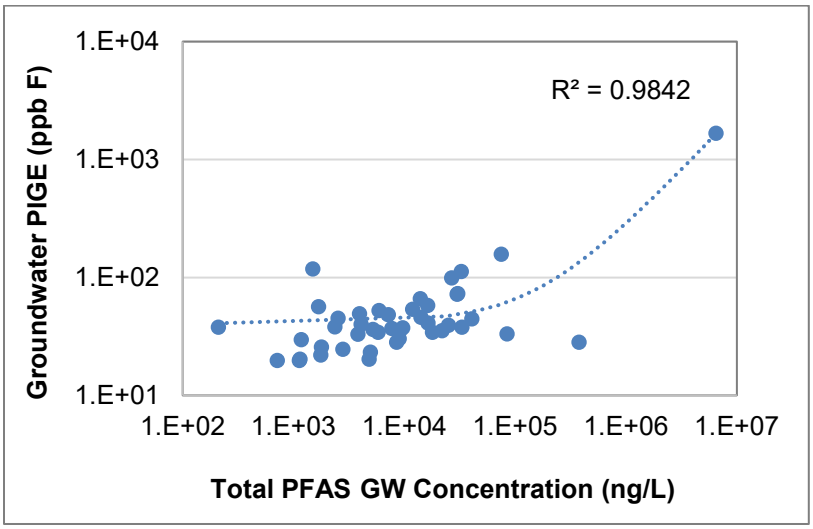


Figure 5-64. Total Fluorine Measured by PIGE vs. Total PFAS in Groundwater

Conceptual Site Model

The spatial patterns in PFAS data were used to evaluate relevant transport processes, the potential for migration, and active natural attenuation mechanisms at the site. This can include retardation due to various mechanisms, as well as biodegradation of polyfluorinated compounds which may serve as precursors to PFAAs. These are represented within the Conceptual Site Model shown in Figure 5-65. As noted above, one of the most noteworthy patterns observed in PFAS distribution at this site is that PFAS concentrations were generally highest in shallow unsaturated soils and then decreased with depth and distance downgradient. This is evidence of retention within the source area that can be attributed to mechanisms such as retardation due to the enhanced partitioning of PFAS at the air-water interface within the vadose zone, partitioning of PFAS to solid-phase surfaces as a result of hydrophobic and electrostatic interactions, and slow advection and diffusion into shallow lower-permeability soils. These processes contribute to attenuation of PFAS concentrations moving away from the primary source. However, the data also suggest that surface releases may have occurred in downgradient portions of the site, and thus serve as a secondary source of PFAS.

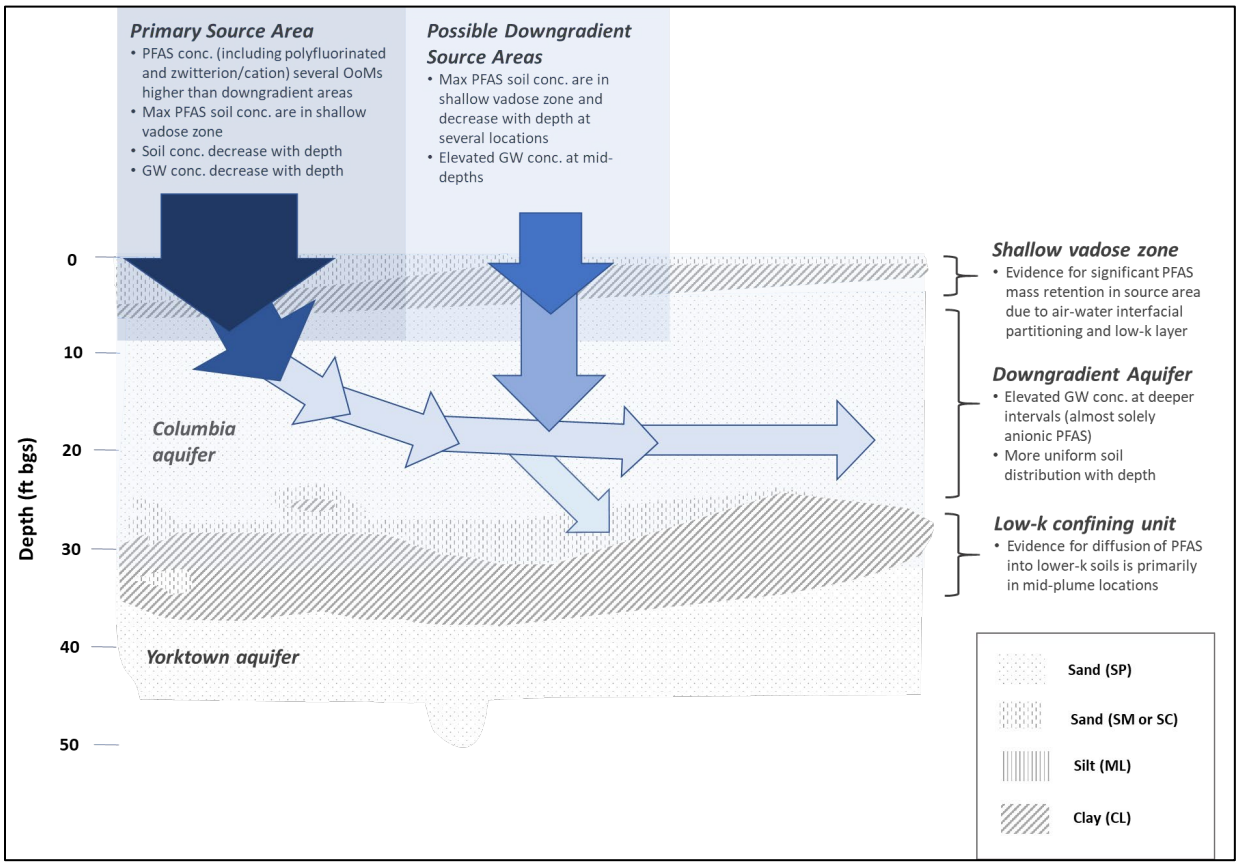


Figure 5-65. Conceptual Site Model for PFAS Source and Fate and Transport. *Shows representative cross section (A-A'; approximatley 1480 ft), with groundater flow direction from left to right (easterly).*

6.0 PERFORMANCE ASSESSMENT

This section provides an assessment of the established performance objectives described in **Section 3.0**. Each subsection describes a specific success criterion and provides supporting information for the evaluation of the technology relative to the criterion. In this discussion, the three sites are discussed and evaluated individually.

Table 6-1. Performance Objectives and Results

Performance Objective	Success Criteria	Site 1: NAS Jacksonville, FL	Site 2: NBVC Pt. Mugu	Site 3: NALF Fentress, VA
Determine presence of source zone(s)	Source soils contain greater abundance of long-chain anionic/zwitterionic and cationic forms compared to groundwater.	**PARTIALLY:** Relative contribution of longer-chain PFAS higher in source area but not statistically significant Relative contribution of zwitterionic/cationic PFAS higher in source area (statistically significant) Many other positive LOEs for source area identification	**PARTIALLY:** Relative contribution of longer-chain PFAS higher in source area (statistically significant) Relative contribution of zwitterionic/cationic PFAS higher in source area (statistically significant) Many other positive LOEs for source area identification	**PARTIALLY:** Relative contribution of longer-chain PFAS higher in source area but not statistically significant Relative contribution of zwitterionic/cationic PFAS higher in source area, but not statistically significant Many other positive LOEs for source area identification
Differentiate AFFF and non-AFFF sources	Statistically significant differences between soil/groundwater PFAS concentrations/composition from background (upgradient) wells and other PFAS sources	**YES:** Differences could be established using confidence intervals for clusters obtained through PCA Multiple lines of evidence that PFAS in background locations did not result from AFFF use in primary source area	**NO:** Differences could not be established using PCA	**YES:** Differences could be established using confidence intervals for clusters obtained through Principal Component Analysis (PCA) Multiple lines of evidence that PFAS in background locations did not result from AFFF use in primary source area

Performance Objective	Success Criteria	Site 1: NAS Jacksonville, FL	Site 2: NBVC Pt. Mugu	Site 3: NALF Fentress, VA
PIGE as cost-effective guidance tool for drilling and plume footprint	PIGE results correlate with LC-MS/MS measurements	**PARTIALLY (GW)**: r^2 of 0.57 (statistically significant) *PIGE provides some indication of the relative PFAS levels in groundwater.*	**YES (GW); PARTIALLY (Soil):** r^2 of 0.98 for groundwater (statistically significant), and r^2 of 0.13 for soil (statistically significant). *PIGE provides a representative indication of the relative PFAS levels in groundwater, but not for soil at this site.*	**YES (GW):** r^2 of 0.98 for PIGE comparison with groundwater (statistically significant). *PIGE provides a representative indication of the relative PFAS levels in groundwater.*
Natural attenuation-evidence from retardation factors, PFAS fingerprints, and spatial distributions	(i) Retardation factors estimated for PFASs are consistent with aquifer properties and PFAS properties (ii) PFAS identified as biodegradation intermediates are present and are consistent with field conditions and limited literature information	**YES:** Retardation factors followed expected patterns and correlated with site characteristics and PFAS characteristics Multiple additional lines of evidence obtained to support relevance of several different attenuation mechanisms, including transformation and matrix diffusion	**YES:** Retardation factors followed expected patterns based on site characteristics and PFAS characteristics Multiple additional lines of evidence obtained to support relevance of several different attenuation mechanisms, including transformation and partitioning to aquifer solids	**YES:** Retardation factors followed expected patterns based on PFAS characteristics Multiple additional lines of evidence obtained to support relevance of several different attenuation mechanisms, including transformation and air-water interfacial partitioning

6.1 DETERMINE PRESENCE OF SOURCE ZONE

High-resolution spatial characterization of PFAS using a comprehensive suite of analytical methods was completed, with the overall goal of establishing the PFAS distribution and compositional differences associated with the source zone vs. downgradient locations. This information provides the foundation for the conceptual site model and informs both risk assessments and remedial decision-making.

Success Criteria: *Source samples contain greater abundance of long-chained PFAS and zwitterionic and cationic PFAS compared to downgradient samples.*

6.1.1 Success Criteria Achieved?

Site 1: NAS Jacksonville, FL - ***PARTIALLY***

A representative carbon chain length for all PFAS at each location was estimated after weighted by the concentration of individual PFAS. As expected, the PFAS chain length generally decreased with distance from the source due to preferential sorption (retardation) of longer-chained compounds, but these chain length differences could not be established as statistically significant. In part, this reflects the relatively narrow range of representative carbon chain lengths at these site locations (all were between 5.8 and 6.8).

The concentrations of zwitterionic/cationic PFAS were higher in the source area than at downgradient locations, and this difference was statistically significant (p=0.01). These compounds are expected to more strongly retained within the source area due to favorable electrostatic interactions, as was confirmed by these data.

In addition, a number of other lines of evidence (discussed in detail in Section 5.7.2) confirmed that the former firefighter training area was serving as the primary PFAS source area, including: 1) highest total PFAS concentrations in both soil and groundwater were found in the immediate vicinity of the former firefighter training area; 2) highest PFAS concentrations in surficial soils were observed within the same general area; 3) relative abundance of PFOS precursors within source area; 4) usage of ECF-based AFFF based on site history and high concentration of PFOS typically at or above expected branching percentage; 5) usage of telomer-based AFFF based on abundance of fluorotelomer substances and low PFOA branching percentages; and 6) PFAS concentrations decrease rapidly in the direction of groundwater flow.

Site 2: NBVC Pt. Mugu, CA - ***PARTIALLY***

At this site, the PFAS chain length decreased with distance from the source due to preferential sorption (retardation) of longer-chained compounds, and the difference between source vs. far downgradient locations was statistically significant. The range for these representative carbon chain lengths were between 4.7 and 6.2 at this site.

Based on aggregated data, the concentrations of zwitterionic/cationic PFAS were higher in the source area than at downgradient locations, and the results were statistically significant (p=0.001). For example, the shallow unsaturated soil sample from location L5 exhibited the highest concentration of zwitterionic/cationic PFAS (1,013 ng/g). In addition, zwitterionic and cationic PFAS were largely absent from site groundwater. When coupled with several other site-specific

lines of evidence (discussed in detail in Section 5.7.3), the former firefighter training area was serving as the primary PFAS source area at this site.

Site 3: NALF Fentress

The PFAS chain length generally decreased with distance from the source due to preferential sorption (retardation) of longer-chained compounds, and the shortest representative value (5.86) was observed in the farthest downgradient location. However, these chain length differences could not be established as statistically significant. This site had the highest chain length values within the source and near source area (7.00 – 7.03) of any of the three sites that were investigated as part of this project.

The percentage of zwitterionic/cationic PFAS could not be established as higher in the source area than at downgradient locations. In part, this reflects the relatively low concentrations of these charged compounds in downgradient locations, particularly in groundwater. Like the other sites, the highest concentrations of zwitterionic/cationic PFAS were consistently measured in the source area at this site, particularly within shallow soils. However, a distinguishing characteristic at this site was data showing relatively high PFAS concentrations, including zwitterionic/cationic compounds, in shallow soils at mid-plume locations. These results suggest that surface releases and/or runoff of AFFF at downgradient locations may be serving as a secondary source of PFAS to groundwater. Regardless, the preponderance of data indicates the AFFF Storage and Transfer Area was the primary PFAS source area at this site, as detailed in Section 5.7.4

6.2 DIFFERENTIATE AFFF AND NON-AFFF SOURCES

The distributions of PFAS in groundwater and soil from the suspected source area were compared to those in locations where historic AFFF use is not suspected based on the site history. This evaluation provides information on the nature of PFAS sources at DoD sites, as well as concentrations and compounds potentially associated with background PFAS sources (that may impact source and plume delineation efforts).

Success Criteria: *Principal Component Analysis (PCA) and/or Hierarchical Cluster Analysis show differences between source zone composition and concentrations vs. background locations.*

6.2.1 Success Criteria Achieved?

Site 1: NAS Jacksonville, FL **- YES**

PCA results demonstrated that PFAS composition in samples from specific source area locations (Location 3) formed a distinct group that was different from those formed by the two background locations (Locations 16 and 17). The presence of zwitterionic/cationic PFAS in the source area and relative absence of zwitterionic/cationic PFAS in background locations serves as a secondary line of evidence for differentiating between the AFFF source and other diffuse sources. Specifically, this provides further evidence that the PFAS present in these locations derives from a non-AFFF source, potentially through a different application or transport route.

As described in detail in Section 5.7.2, PFAS compositional data and isomer branching patterns are consistent with the use of both ECF-based foams as well as telomer-based foams in the source

area. Background locations were dominated by non-PFAAs compounds in both soil and groundwater, and compounds identified during non-target analysis that were unique to the background locations included several longer-chain hydrido-perfluorosulfonates in soil (e.g., H-PFPeDA, H-PFTeDA, H-PFTrDA). The presence of these compounds suggests that other PFAS sources may have contributed to the observed PFAS, though a source cannot be readily identified. Compounds that have been proposed to be largely associated with non-AFFF sources (such as shorter chain fluorotelomer intermediates that have been proposed to be diagnostic of landfill leachate (e.g., 5:3 FTCA for landfill; MeFOSA and EtFOSA for industrial/commercial products) were generally not detected in soil and groundwater from any location. In addition, the variability in PFAS compositions observed at individual locations or within proximate areas (as reflected in the low amount of variability that could be described by PC1+PC2 during PCA) would complicate assigning the PFAS from background locations to any specific non-AFFF source.

Site 2: NBVC Pt. Mugu **- NO**

The data collected at this site suggested that the PFAS signatures in samples from the background locations at this site may be different than those in the primary source area. However, the data do not provide strong evidence that the PFAS at these locations would have derived from non-AFFF sources. The PCA results generally showed that data from background locations clustered within a tight confidence interval, although the boundaries still overlapped with those that were based on data from the source area. The two background locations were located cross gradient to groundwater flow but relatively close (800 ft) to the farthest downgradient location. As a result, PFAS resulting from AFFF releases in the firefighter training pits could have been the primary or sole contributor to the observed PFAS. Background locations were dominated by non-PFAAs compounds in both soil and groundwater, though they were largely similar to those detected in the source area groundwater. Compounds that were unique to the background locations were non-target analytes, including several longer-chain hydrido-perfluorosulfonates in soil (e.g., H-PFPeDA, H-PFTeDA, H-PFTrDA). Like the other sites investigated as part of this project, there was little or no contribution from compounds that are generally considered indicative of non-AFFF PFAS sources (e.g., 5:3 FTCA, MeFOSA, EtFOSA) at these background locations.

The PCA results also established that there was overlap between source area data and the data from near source and both downgradient directions, which supports that these areas represent similar PFAS sources even accounting for transport-related compositional shifts. As described in Section 5.7.3, there were several other lines of evidence confirming that the former firefighter training area was the primary source of PFAS at this site, including the use of both ECF-based AFFF and telomer-based AFFF.

Site 3: NALF Fentress **- YES**

At this site, the PCA results showed a clear distinction between specific source area locations and the two background locations, with no overlap in the confidence intervals. These analyses also suggest that the PFAS present in surface soils located downgradient of the AFFF Storage and Transfer Area are also highly similar in composition to those in the primary source area and thus likely associated with AFFF usage. There were several other lines of evidence that usage of both ECF-based AFFF and telomer-based AFFF were the primary source of PFAS in the source area locations and downgradient, and that these were not directly contributing to PFAS observed in background locations.

PFAS was detected at up to 900 ng/kg and 16,000 ng/L in soil and groundwater samples from the background locations. PFOS was absent in all soil samples and all but 1 groundwater samples from these locations. Compounds unique to the background locations were detected in groundwater samples but several unique compounds were detected in soil samples (e.g., UPFOS, H-PFPeA). The presence of these compounds suggests that alternative PFAS sources may have contributed to the observed PFAS at background locations, although a source could not be readily identified. No other known or suspected sources of PFAS were reported in site documentation, and compounds indicative of non-AFFF source (e.g., 5:3 FTCA, MeFOSA, EtFOSA) were detected very sporadically and only at trace levels.

6.3 PIGE AS COST-EFFECTIVE GUIDANCE TOOL

PIGE analysis was completed by the University of Notre Dame on the majority of aqueous samples and a subset of soil samples to determine how the total fluorine measurements generated by the method compare to the total PFAS concentrations generated by LC-MS/MS. While the latter method quantifies individual PFAS and thus provides more forensic information, PIGE has the potential to provide a quick, low-cost option to understand relative PFAS levels at a site.

Success Criteria:

Establish strong correlation between PIGE results and LC-MS/MS results using linear regression ($r^2 > 0.7$).

Established statistically significant relationship between PIGE and LC-MS/MS results using non-parametric test (Spearman's Correlation; $p<0.05$)

6.3.1 Success Criteria Achieved?

Site 1: NAS Jacksonville, FL **- PARTIALLY**

Using data from 43 aqueous samples, the PIGE results showed that there was a statistically significant relationship with the LC-MS/MS data based on the non-parametric test results, but linear regression yielded an r^2 value (0.57) that was slightly below the chosen threshold. In part, this was due to non-linear distribution of the data, particularly at the lower-end PFAS concentrations where PIGE appeared to provide less resolution. These data suggest that PIGE provides a reasonable indication of the relative PFAS levels in these groundwater samples but may be better suited as a screening tool to characterizing higher-concentration areas (i.e., source zones).

Site 2: NBVC Pt. Mugu – **YES** (groundwater)

At this site, there was sufficient data to evaluate correlations between PIGE groundwater data and LC-MS/MS measurements of total PFAS in groundwater as well as in co-located soil samples. In both cases, a statistically significant relationship could be established using the non-parametric test. This is consistent with the expectation that soil and groundwater PFAS concentrations in co-located samples should be similar, such that PIGE results would demonstrate some similarity to soil result despite the different matrices being analyzed. However, only the groundwater datasets demonstrated a correlation that was strong enough to meet the success criteria ($r^2 > 0.7$ from linear regression). The correlation coefficient between PIGE and soil data was low (0.13), such that the ability to actually predict soil concentration using PIGE appears to be low. There were a number

of samples where PIGE did not detect PFAS even though the total PFAS through the higher-resolution techniques was greater than 4000 ng/L in all samples. This was a result of the high limit of quantification for PIGE this site (approximately 5,000 ng/L) which was influenced by the high ionic strength of the groundwater. These data provide further confirmation that PIGE is likely better suited for source area characterization efforts at sites where the natural water chemistry is not overly complex.

Site 3: NALF Fentress - **YES**

A statistically significant relationship between the PIGE groundwater data and the LC-MS/MS groundwater could also be established at this site using Spearman's Correlation test. Linear regression also resulted in a high r^2 value that met the success criterion. In addition, there were no false negatives using PIGE. At this site, the correlation in lower-end range of concentrations (1000 to 100,000 ng/L) was relatively strong and likely to provide more predictive value than the higher-end range of concentrations. This is because one PIGE-based measurement was several orders of magnitude higher than any other measurements, such that it may not be representative. Regardless, the correlation was reasonable within a range that might be expected within a source area.

6.4 EVIDENCE OF NATURAL ATTENUATION

PFAS compositional data were generated, and spatial patterns were used to provide both qualitative and quantitative evidence for active natural attenuation mechanisms at the site. This can include retardation due to sorption, as well as biodegradation of polyfluorinated precursors.

Success Criteria:

(i) Estimate retardation factors for PFAS and evaluate if these values are consistent with site characteristics and known PFAS characteristics; and
(ii) Establish that PFAS degradation intermediates are present and/or other evidence of biodegradation.

6.4.1 Success Criteria Achieved?

Site 1: NAS Jacksonville, FL - **YES**

Soil adsorption coefficients and retardation factors were calculated for key PFAAs using co-located soil and groundwater data. Overall, values of Kd varied significantly with distance, both with depth and distance downgradient. Additionally, Kd values generally increased with increasing PFAS chain length and were higher for PFSAs than PFCAs, as expected. Retardation factors by soil type were between 1.7 and 10.4, and even shorter-chain PFAAs like PFBA and PFBS exhibited values that were consistently above 2.0.

For most PFAAs, a positive correlation between Kd and organic carbon could be established, indicating the importance of hydrophobic sorption as a mechanism for retardation. Little effect was observed for pH or EC, suggesting that partitioning due to electrostatic interactions may have been limited relative to hydrophobic sorption at this site. In contrast to the expected inverse relationship, cation exchange capacity (CEC) was positively correlated with K_d, but this is likely due to the increased organic carbon associated with soils with higher CEC.

The relevance of various retention mechanisms was established at this site, including the higher contribution of less mobile cationic/zwitterionic species to the total PFAS measured in the source area relative to downgradient areas. Matrix diffusion was also confirmed to be a key process at this site, with high concentrations of PFAS present in soils with relatively limited permeability. This contributed to decreases in the PFAS mass discharge with distance from the source.

Confirmation that transformation was occurring at this site was based on several lines of evidence, including trends in the percentage of PFAA end-products relative to other PFAS, with the assumption that the latter group represents all potential precursors. If biodegradation of precursors was occurring, the percentage of PFAA end-products would be expected to increase moving downgradient from the source area, which was observed. The percentage of degradation end-products (i.e., PFAAs) relative to precursors is higher in the groundwater samples from downgradient locations relative to both groundwater and soil samples from the source area. Additionally, suspected biodegradation intermediates (e.g., Spr-FHxSA) have been identified in downgradient samples that are absent from source area samples. There are several other lines of evidence for biodegradation, including the identification of specific biodegradation intermediates and high concentrations of intermediates (e.g., fluorotelomer sulfonates) that are not expected to be present in large quantities in AFFF sources.

Note that the dataset from this site was part of parallel study that performed a PFAS mass balance across the site (Adamson et al., 2020). That evaluation established that PFAS precursors were being converted to PFAAs at an annual rate of 2% or less, and that the relative contribution from precursors on a mass basis was decreasing with distance from the source (Figure 6-1).

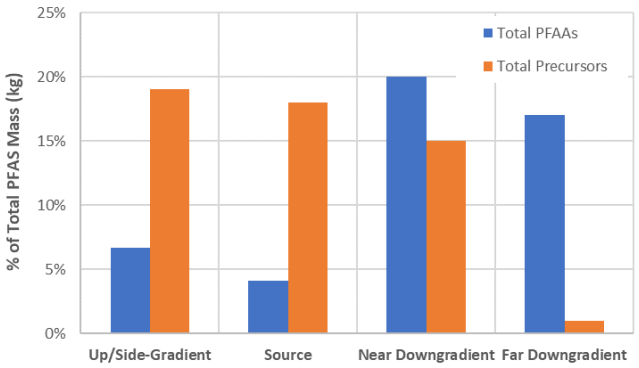


Figure 6-1. Comparison of Precursor vs. PFAA Distribution at NAS Jacksonville (from Adamson e al., 2020).

Site 2: NBVC Pt. Mugu - **YES**

Soil adsorption coefficients and retardation factors were calculated for key PFAAs. As expected, K_d values generally increased with increasing PFAS chain length and were higher for PFSAs than PFCAs. Retardation factors ranged from 1.7 to 46 for the various PFAS, confirming significant retardation relative to the seepage velocity for groundwater at the site. Soil adsorption was generally greater in sands (SP) as compared to clays (CL) for the key PFAAs, presumably due to the lower CEC of these soils. This trend indicated that electrostatic forces were a significant factor contributing to the adsorption onto sands compared to hydrophobic forces. Similarly, trends of f_{oc} and other anions detected in groundwater (e.g., chloride, fluoride, sulfate), indicated that groundwater collected in clayey soils typically had significantly higher concentrations of other anions, despite these soils also having greater f_{oc} values as compared to sands. As such, the high salinity of this site likely influenced adsorption due to electrostatic processes. It should be noted that only a limited number of groundwater samples from clayey soils could be obtained.

The high salinity and the abundance of lower-permeability soils apparently contributed to significant attenuation of PFAS concentrations that were observed with distance from the source area, as described in Section 5.7.3. In addition, the relatively high concentrations in shallow unsaturated soils provided evidence for vadose zone retention due to air-water interfacial sorption. Despite these factors, total PFAS concentration remaining well above 1000 ng/L across the site, including maximum soil and gr14,000 ng/kg), and groundwater samples from these locations also exhibited concentrations (7,500–136,000

Site 3: NALF Fentress **-YES**

Like the other 2 sites, retardation factors for key PFAAs estimated at this site generally increased with increasing chain length and were greater for PFSAs than PFCAs. One exception was an anomalously high R of 48 for PFPeA in sands. The retardation factors for the remaining compounds ranged from 1.8 to 18. Given that these estimates are based on a relatively limited number of co-located samples where compounds were detected in both matrices (soil and groundwater), some anomalous values can be expected. At this site, the limited number of K_d values meant it was not possible to establish correlations with other site characteristics like soil organic carbon. This was another site where the K_d values for sands were generally higher than those for clays despite the higher f_{oc} values for the latter soil type. While the dataset is small, this suggests that electrostatic interactions are playing a major role in the observed partitioning patterns.

The retardation factors also indicate that the PFAAs are moving at a slower rate than site groundwater. While PFAS was detected at all locations, the site also had several lines of evidence for attenuation of concentrations with distance that were attributable to retardation and other retention-based mechanisms, as described in Section 5.7.4. In particular, retention within the vadose zone due to air-water interfacial partitioning was evident based on vertical profiling that showed that PFAS concentrations decreased significantly between shallow unsaturated soils and the top of the saturated zone.

The compositional data also support the assumption that in situ transformation of PFAS has occurred at this site. Several suspected transformation intermediates (e.g., fluorotelomer sulfonates, FHxSA) were observed at increasing relative concentrations moving away from the source. In contrast, precursors to these intermediates were detected primarily in the source area. The source area location with the highest total PFAS concentrations also had the highest precursor concentrations, including three unsaturated soil samples that exhibited the highest precursor concentrations measured across the site. In these soil samples, precursors represented 67 – 93% of the total PFAS concentrations. The majority of these precursors were anionic, but their relative abundance in the source area is consistent with retention in the vadose zone due to air-water interfacial partitioning, along with slow transformation to other intermediates and PFAAs that may be more readily transported.

7.0 COST ASSESSMENT

A key objective of this project was to track costs associated with this technology demonstration to provide a basis for estimating costs of a full-scale implementation of the technology at any site.

7.1 COST MODEL

As part of the demonstration, the cost of implementing the field program was carefully tracked and this cost data was used to estimate the cost that would be associated with implementing this methodology at a generic site.

7.1.1 Cost Elements

The field demonstration included high-resolution characterization at up to 11 locations, with depth-discrete soil and groundwater samples obtained per location. Key cost elements that were tracked included: i) review of existing data and selection of locations; ii) development of a Work Plan, Health and Safety Plan, and coordination; iii) Field labor; iv) field program expenses; v) subcontractors; and vi) data evaluation and reporting (Table 7.1).

Table 7.1. Cost Model for Field Demonstration

Cost Element	Tracked Data
Review of Existing Data and Selection of Locations	Personnel labor hours required for document review/assessment.
Development of Work Plan, Health and Safety Plan, and Planning	Personnel labor hours required.
Field Labor	Two field staff needed.
Field Program Expenses	Expenses include: • PFAS analytical costs • Equipment rental • Travel costs • Miscellaneous supplies and consumables
Subcontractors	Utility Clearance Commercial laboratory unit costs (non-PFAS analytes) DPT rig for the full characterization program, including: • One day of HPT profiling. • Depth-discrete soil and groundwater sampling
Data Evaluation and reporting	Personnel labor hours required.

7.2 COST DRIVERS

The total costs of implementing this technology are primarily associated with the level of characterization performed at a site. The key cost drivers are the number of locations characterized per site, and the number of soil and groundwater samples collected per location.

7.3 COST ANALYSIS

The following sections describe the implementation costs at a standard site using cost data acquired during the field demonstration. In particular, these standard implementation costs are based on specific assumptions and are summarized below. The following assumptions were made for the cost analysis:

General Assumptions

- A typical site with unconsolidated media, and characterization to a depth of up to 40 ft bgs.
- Labor hours include typical time spent on site review, development of work plans, health and safety plans, project planning and on-site time based on field program experience by GSI personnel.
- Collection of 60 groundwater samples and 120 soil samples was assumed.
- PFAS analytical costs are assumed to be for a commercial laboratory. For this project, university partners performed all PFAS analyses; however, these would not necessarily be available on a commercial-basis for a typical site. As such, TOP analysis is assumed for all samples at $700/sample for 60 groundwater samples and 120 soil samples. It is noted that development of a method making use of the high resolution mass spectral library of PFAS is being undertaken by some commercial labs and that this method may be available in the future. Costs for such analyses are expected to be on the order of $700/sample. However, implementation of semi-quantitative analysis methods by the DoD is unlikely to be adopted since results are only estimates, and definitive data requires the use of standards. Implementation of TOP analysis is also unlikely to be adopted since that method is also results in estimated values.
- Equipment rental costs include those for YSI meter, turbidity meter, peristaltic pumps, etc.
- Assume field labor by two field staff, and all travel costs include airfare, per diem, lodging, etc.
- Subcontractors include: drillers (using DPT rig for 11 days and HPT tool for 1 day), utility clearance (conducted on first day), and a commercial laboratory (analysis of anions/cations/TOCs, etc).
- No waste disposal costs have been included, assuming all IDW (soil and groundwater) can be stored on-site.

Table 7.2 Cost Model for Implementing High-Resolution Characterization Program at a Generic Site

ITEM/DESCRIPTION	AMOUNT	ASSUMPTIONS
Review of Existing Data and Selection of Locations		
Principal	$1,500	
Senior Engineer	$5,550	
Geologist/Scientist II	$7,500	
Work Plan, Health and Safety Plan, Planning		
Principal	$1,400	Assume 6 total hours of oversight
Senior Engineer	$2,500	Assume 1 hr per day of oversight, 13 days
Field Labor		
Project Geologist	$20,800	Assume 13-day field program
Geologist/Scientist II	$11,000	"
Geologist/Scientist I	$10,200	"
Labor Subtotal	**$60,450**	
Field Program Expenses		
PFAS Analyses, Commercial Laboratory	$126,000	Assume commercial laboratory, TOP analysis for all samples at $700/sample: 60 groundwater, and 120 soil.
Equipment Rental	$3,600	YSI meter, turbidity meter, peristaltic pumps, tubing, etc.
Travel Costs	$12,900	Assume 2 field staff, per diem/logding for 20 nights total for 2 people, airfare
Misc. field supplies and Shipping	$6,900	
Expenses Subtotal	**$149,400**	
Subcontractors		
Drilling	$69,900	DPT Rig with HPT tool for one day
Utility Clearance	$2,100	
Commercial Laboratory, Other Analytes	$17,600	QA/QC (subset), anions, cations, CEC
Waste Disposal	$0	Assume on-site storage
Subcontractor Subtotal	**$89,600**	
Data Evaluation and Reporting		
Principal	$12,150	
Senior Engineer	$14,800	
Project Geologist	$11,600	
Geologist/Scientist II	$10,000	
Labor Subtotal	**$48,550**	
TOTAL	**$348,000**	

8.0 IMPLEMENTATION ISSUES

This technology is focused on collecting high-resolution characterization data for a large suite of PFAS analytes per depth/sample. As such, the following represent key considerations that should be evaluated for the implementation of these methods at a generic site.

8.1 FIELD CHARACTERIZATION

The methods for subsurface drilling are familiar and unlikely to be subject to additional regulatory oversight or permitting other than those associated with standard site investigations. However, the following key categories describe considerations to evaluate prior to implementation:

- **Site Conditions:** it is envisioned that high-resolution characterization for PFAS be implemented primarily at those sites with unconsolidated media, and target characterization of up to 40 ft bgs or where direct-push techniques for depth-discrete sampling are viable. Sites requiring other drilling methods such as hollow stem auguring or sonic drilling will be more expensive to investigate. Additionally, sites with well-delineated source zones and downgradient points are preferable to ensure that data collection is focused and cost-efficient.

- **Waste Disposal:** IDW containing soil cutting, soil cores, and extracted groundwater will be generated with these characterization methods. Due to PFAS impacts, some states may require incineration, or shipping of wastes to those regions that accept PFAS-impacted wastes for disposal in a landfill. Other sites may have viable storage options for solid and liquid IDW drums. Overall, waste disposal can become costly for IDW containing PFAS depending on the state and regulatory drivers at the site.

- **Decontamination:** due to the potential for cross-contamination between locations, drilling equipment (e.g., rods) needed to be thoroughly cleaned using both liquinox/water and a high-pressure steam wash.

8.2 PFAS ANALYSES

For this project, university partners provided analyses for both soil and groundwater for a large suite of PFAS (including precursors), that are otherwise not commercially available at this time. In order to evaluate this large suite of analytes at a generic site, a research lab would need to be identified that could provide a similar level of high-resolution data capabilities. If not, it is likely TOP assay analysis may be the only viable way to capture all precursors and some targeted analytes. This analytical method is expensive to implement, particularly for a large amount of soil and groundwater samples. In addition, the TOP assay would provide only bulk data on total PFAS and little information on relative chain lengths (and no data on the presence and magnitude of individual PFAS, including precursors. Information on the abundance of non-anionic PFAS would also be missing. Also, the TOP assay is an estimate of precursor concentration and is therefore non-definitive, as is the semi-quantitative results for non-targeted PFAS by MS methods. As an alternative to TOP, Total Organofluorine (TOF) methods may provide a more economical and potentially more inclusive estimate of total PFAS since it does not rely on a chemical conversion of precursors to PFCAs as does TOP, and should capture all species regardless of charge. In

addition, TOF methods are becoming increasingly available by commercial analytical laboratories. Generally though, environmental restoration projects in the DoD require that definitive data be generated, so TOP, TOF, and non-targeted MS will likely remain in the realm of research projects for the foreseeable future.

8.3 REGULATORY

No special permits are required to implement this approach. Obtaining approval from applicable regulatory bodies to collect the required data is likely to be straightforward because it involves collecting samples that could be described using standard work plans. The primary hurdle would be agreeing on an analytical program that would meet regulatory requirements. As noted above, the robust datasets collected as part of this project were obtained using methods that are research based and not yet commercially available. As a result, efforts are likely to rely on methods that have been approved by USEPA and that meet DoD QSM requirements, meaning that they would be performed by commercial labs with a more limited analyte list. Consequently, some loss in data resolution should be expected, particularly at sites where non-target analytes comprise a larger portion of the total PFAS concentration.

8.4 OTHER PROCUREMENT ISSUES

This approach can be implemented by experienced field personnel using standard equipment. No procurement issues are anticipated.

8.5 END-USER CONCERNS

This approach can be completed during relatively short period of time, on the order of several weeks to several months depending on the scale of the site and the scope of work. No significant disruptions to normal site operations are anticipated during implementation. The primary end-user concern would be the cost associated with data collection efforts, which can be significant due to the number of samples required and the unit costs associated with analysis. In addition, the data objectives would have to be clearly defined. For example, these data are primarily aimed at informing conceptual site model development. Therefore, this approach may be of less value at sites where data collection efforts are focused on compliance issues.

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APPENDIX A: ANALYTICAL METHODS

A.1 Analytical Methods for Soil (Colorado School of Mines)

A.2 Analytical Methods for Groundwater (Oregon State University)

A.1 Analytical Methods for Soil (Colorado School of Mines)

APPENDIX A.1:
ANALYTICAL METHODS FOR SOIL ANALYSIS
(COLORADO SCHOOL OF MINES)

OVERVIEW

The following analytical methods are provided in Nickerson et. al., (2020) and summarized below. Nickerson et al., (2020) includes additional supplemental material related to internal standard matching, analyte lists, etc.

MATERIALS

All PFAS analytical standards were purchased from Wellington Laboratories Inc (Table A1.1). TCEP-d12 (from Sigma-Aldrich) and atrazine-d5, diuron-d6, triphenyl phosphate-d15, metolachlor-d6, and carbamazepine-d10 (fromCDN Isotopes) were used as ESI+ injection standards. The AFFF solution used in the spike-recovery experiment was a mixture of previously characterized AFFFs: a 1999-era 3M AFFF, 1989 3M AFFF, Buckeye AFFF (Backe et al. 2013), Capstone 1157 (Dupont, 2012) and Chemguard 2010 (Backe et al. 2013). All AFFFs were diluted 5000x in 1:1 Optima high-performance liquid chromatography (HPLC)-grade methanol (Fisher Scientific) and Optima HPLC-gradewater (Fisher Scientific). Unless otherwise noted, all solvents were Optima HPLC grade and purchased from Fisher Scientific. Soils A−C were collected by hand shovel from source zones of three different AFFF-impacted U.S. Department of Defense sites. Soil D is a non-impacted soil from an archived collection at Oregon State University, referred to as “soil 1” in Barzen-Hanson et al. (2017a) Soil cores E and F are from two different AFFF-impacted FTAs. Soil cores were collected by applying direct push technology (DPT) methods and samplers that were appropriate for the local subsurface conditions. Soil geology was logged and recorded after obtaining the soil cores. DPT rods and sampling equipment were decontaminated between each location using an Alconox solution and plastic brush, followed by extensive rinsing by pressure washing. All soil samples were air-dried and homogenized with a mortar and pestle, and surface samples were sieved to 2 mm. The water content of soils was determined by drying overnight at 105 °C.

Table A1.1. Targeted analytes for ESI- PFAS analysis. All standards were obtained fromWellington Labs.

Chemical Name	Acronym	Neutral Molecular Formula	Internal Standard
Perfluoroalkanoic acids			
Perfluoro-n-butanoic acid	PFBA	C4HO2F7	13C4-PFBA
Perfluoro-n-pentanoic acid	PFPeA	C5HO2F9	13C5-PFPeA
Perfluoro-n-hexanoic acid	PFHxA	C6HO2F11	13C2-PFHxA
Perfluoro-n-heptanoic acid	PFHpA	C7HO2F13	13C4-PFHpA
Perfluoro-n-octanoic acid	PFOA	C8HO2F15	13C4-PFOA
Perfluoro-n-nonanoic acid	PFNA	C9HO2F17	13C5-PFNA
Perfluoro-n-decanoic acid	PFDA	C10HO2F19	13C2-PFDA
Perfluoro-n-undecanoic acid	PFUdA	C11HO2F21	13C2-PFUdA
Perfluoro-n-dodecanoic acid	PFDoA	C12HO2F23	13C2-PFDoA
Perfluoro-n-tridecanoic acid	PFTrDA	C13HO2F25	13C2-PFTeDA
Perfluoro-n-tetradecanoic acid	PFTeDA	C14HO2F27	13C2-PFTeDA
Perfluoro-n-hexadecanoic acid[ii]	PFHxDA	C16HO2F31	13C2-PFHxDA
Perfluoroalkane Sulfonates			
Perfluoropropane sulfonate	PFPrS	C3HO3SF7	13C3-PFBS
Perfluorobutane sulfonate	PFBS	C4HO3SF9	13C3-PFBS
Perfluoropentane sulfonate	PFPeS	C5HO3SF11	13C2-PFOS
Perfluorohexane sulfonate[i]	PFHxS	C6HO3SF13	18O2-PFHxS
Perfluoroheptane sulfonate	PFHpS	C7HO3SF15	18O2-PFHxS
Perfluorooctane sulfonate[i]	PFOS	C8HO3SF17	13C4-PFOS
Perfluorononane sulfonate	PFNS	C9HO3SF19	13C4-PFOS
Perfluorodecane sulfonate	PFDS	C10HO3SF21	13C4-PFOS
Perfluoroundecane sulfonate	PFUdS	C11HO3SF23	13C4-PFOS
Perfluorododecane sulfonate	PFDoS	C12HO3SF25	13C4-PFOS

Chlorinated perfluoroalkane sulfonates and ether sulfonates			
8-chloro-perfluorooctane sulfonate	Cl-PFOS	C8HO3SClF16	13C4-PFOS
9-chloro-3-oxa-perfluorononane sulfonate	Cl-O-PFNS	C8HO4SClF16	13C4-PFOS
11-chloro-3-oxa-perfluoroundecane sulfonate	Cl-O-PFUdS	C10HO4SClF20	13C4-PFOS
Perfluoroalkane sulfonamides			
Perfluorooctane sulfonamide	FOSA	C8H2O2SNF17	13C8-FOSA
N-methylperfluoro-1-octane sulfonamide	MeFOSA	C9H4O2SNF17	d3-MeFOSA
N-ethylperfluoro-1-octane sulfonamide	EtFOSA	C10H6O2SNF17	d5-EtFOSA
Perfluoroalkane sulfonamido acetic acids			
Perfluorooctane sulfonamido acetic acid[ii]	FOSAA	C10H4O4SNF17	d3-MeFOSAA
N-methylperfluorooctane sulfonamido acetic acid[i, ii]	MeFOSAA	C11H6O4SNF17	d3-MeFOSAA
N-ethylperfluorooctane sulfonamido acetic acid[i, ii]	EtFOSAA	C12H8O4SNF17	d5-EtFOSAA
Fluorotelomer Sulfonates			
4:2 fluorotelomer sulfonate	4:2 FTS	C6H5O3SF9	13C2-4:2 FTS
6:2 fluorotelomer sulfonate	6:2 FTS	C8H5F13SO3	13C2-6:2 FTS
8:2 fluorotelomer sulfonate	8:2 FTS	C10H5O3SF17	13C2-8:2 FTS
10:2 fluorotelomer sulfonate	10:2 FTS	C12H5O3SF21	13C2-8:2 FTS
Fluorotelomer Alkanoic Acids			
6:2 fluorotelomer carboxylic acid[iii]	6:2 FTCA	C8H3O2F13	13C2-6:2 FTCA
8:2 fluorotelomer carboxylic acid[iii]	8:2 FTCA	C10H3O2F17	13C2-8:2 FTCA
10:2 fluorotelomer carboxylic acid[iii]	10:2 FTCA	C12H3O2F21	13C2-10:2 FTCA
2H-Perfluoro-2-octenoic acid (6:2)[iii]	6:2 UFTCA	C8H2O2F12	13C2-6:2 UFTCA
2H-Perfluoro-2-decenoic acid (8:2)[iii]	8:2 UFTCA	C10H2O2F16	13C2-8:2 UFTCA
2H-Perfluoro-2-dodecenoic acid (10:2)[iii]	10:2 UFTCA	C12H2O2F20	13C2-10:2 UFTCA

i. Exist in the standard as the linear and branched isomers.

ii. PFHxDA, FOSAA, MeFOSAA, and EtFOSAA excluded from high-level (>3.85 ng/mL) calibration standards toprevent instrument carryover.

iii. Stored in 100% Optima HPLC-grade isopropanol (IPA) to limit potential degradation. (All other compoundsstored in 100% HPLC-grade methanol.)

METHOD VALIDATION

Method Comparisons Using Field-Collected Soils. Preliminary spike-recovery experiments demonstrated enhanced extraction of cationic and zwitterionic PFAS with strongly acidic conditions, in agreement with previous findings (Munoz et al. 2018; Barzen-Hanson et al. 2017a). A comparison of numerous solvents and extraction conditions revealed that the strong acid alone yielded low recoveries of anionic species and caused undesirable matrix effects, in agreement with Munoz et al. (2018). A brief summary of the preliminary conditions tested is found in Table A1.2. Ultimately, a combined method that released PFASs from solids with two rounds of extraction by basic (NH4OH) methanol followed by two rounds of extraction by acidic (HCl) methanol was found to be the most comprehensive for the wide variety of PFASs detected in field-collected soils. This method was chosen based on the increase in extraction efficiency for a wide variety of PFASs as well as the consistency in results between replicates. To confirm that the comprehensive method provided significant improvements in PFAS extraction from AFFF impacted source zone soils, it was compared to a more commonly applied method that used only basic methanol extractions. PFAS were extracted in triplicate via both methods from Soils A-C. The basic-only method is based on Higgins and Luthy (2006) and subsequent studies that have used variations of this extraction (Houtz et al. 2013; Munoz et al. 2016; Mejia-Avendaño et al. 2017). In the basic-only method, approximately 0.5 g of soil was weighed into a 50 mL polypropylene centrifuge tube, and then 4 mL of 0.1 M ammonium hydroxide (NH4OH) in methanol ("basic methanol") was added to the tube, which was vortexed for 30 s, sonicated for 15 min at 30 °C, and centrifuged at 2470 rcf for 20 min. Finally, the supernatant was decanted and the next extraction round was begun. After four extraction rounds, the supernatants were pooled and passed through ENVI-Carb (Sigma-Aldrich, 250 mg) solid-phase extraction (SPE) cartridges. The resultant pooled extract was evaporated to dryness under nitrogen (N_2) in a 30 °C water bath and reconstituted in 1.5 mL of 1% acetic acid in methanol. One method blank, containing only extraction solvents and PFAS internal standards, was prepared alongside each extraction batch.

Table A1.2. Extraction conditions tested during method development. Condition #14 was chosen as thefinal method.

condition #	round 1	round 2	round 3	round 4
1	10 mL 0.1 M NH4OH MeOH	10 mL 0.1 M NH4OH MeOH	10 mL 0.1 M NH4OH MeOH	
2	10 mL 0.1 M NH4OH MeOH	10 mL 0.1 M NH4OH MeOH	12 mL EtAc, 3 mL 1M CaCl2 in water	
3	10 mL EtAc	10 mL 0.1 M NH4OH MeOH	12 mL EtAc, 3 mL 1M CaCl2 in water	
4	10 mL EtAc	10 mL MeOH	12 mL EtAc, 3 mL 1M CaCl2 in water	
5	10 mL 0.1 M NH4OH MeOH	10 mL 0.1 M NH4OH MeOH	12 mL EtAc, 3 mL 1M CaCl2/0.1 M HCl in water	
6	10 mL EtAc	10 mL MeOH	12 mL EtAc, 3 mL 1M CaCl2/0.1 M HCl in water	
7	10 mL EtAc	10 mL 0.1 M NH4OH MeOH	12 mL EtAc, 3 mL 1M CaCl2/0.1 M HCl in water	
8	7 mL 0.1 M NH4OH MeOH	7 mL 0.1 M NH4OH MeOH	7 mL 0.1 M NH4OH MeOH	
9	7 mL 0.1 M HCl	7 mL 0.1 M HCl	7 mL 0.1 M HCl	
10	7 mL 0.5 M HCl	7 mL 0.5 M HCl	7 mL 0.5 M HCl	
11	7 mL 0.1 M NH4OH MeOH	7 mL 0.5 M HCl	7 mL 0.5 M HCl	
12	7 mL 0.1 M NH4OH MeOH	7 mL 0.1 M NH4OH MeOH	7 mL 0.5 M HCl	7 mL 0.5 M HCl
13	4 mL 0.1 M NH4OH MeOH	4 mL 0.5 M HCl	4 mL 0.1 M NH4OH MeOH	4 mL 0.5 M HCl
14	4 mL 0.1 M NH4OH MeOH	4 mL 0.1 M NH4OH MeOH	4 mL 0.5 M HCl	4 mL 0.5 M HCl

In the comprehensive method, the first two extraction rounds were identical to the basic-only method. However, after the second extraction round, two more rounds were performed in which the basic methanol was replaced with 4 mL of 0.5 M hydrochloric acid (Fisher Scientific Trace Metal grade) in methanol ("acidic methanol"). After the four extraction rounds (two basic, two acidic), the basic and acidic extracts were passed through separate ENVI-Carb (Sigma-Aldrich, 250 mg) SPE cartridges. The extract was passed through ENVI-Carb prior to evaporation due to the precipitation of salt after neutralization of the acidic extract (which clogged the SPE tube if

performed prior to ENVI-Carb cleanup during preliminary experiments). A neutralization step ofo the acidic extract was performed prior to evaporation so as not to lose PFASs during evaporation. The acidic extracts were cooled at −20 °C for at least an hour prior to neutralization with 1:1 NH4OH:methanol (7 M NH_4OH). The basic and acidic extracts were then evaporated separately, reconstituted in 1.5 mL of 1% acetic acid in methanol, and recombined with a glass pipette. Finally, the combined extract was transferred to a microcentrifuge tube while avoiding the transfer of precipitants formed during the acidic extract neutralization and evaporation. Precipitants were also observed in extraction blanks and therefore assumed to consist of primarily ammonium chloride.

The extracts were centrifuged for 10 mins at 17,000 rcf followed by dilution of 100 µL of supernatant to 400 µL total volume (20% aqueous/80% methanol composition) in an HPLC autosampler vial. Internal standards (Table S1) were added to each autosampler vial before LC−QTOF-MS analysis for the method comparison experiments; surrogate standards were not added prior to extraction to use the same extracts for TOP analysis. Other samples such as cores E and F had surrogate standards added prior to extraction. When highly concentrated samples or excessive matrix effects causing unacceptable injection standard recoveries were encountered, a smaller volume of extract (e.g., 20 µL) was diluted. The extracts of Soils A−C prepared with the comprehensive method were sent to SGS AXYS (Sidney, BC) for TOP analysis, as well as the extracts of Soil A prepared with the basic-only method (Chandramouli 2018). Briefly, aqueous samples were exposed to persulfate and heat under basic conditions to convert PFAA precursors into perfluorinated end products. The efficiency of the oxidation was measured using both recovery and extent of the disappearance of isotopically labeled compounds.

Spike Recovery of Standards. After confirming that the comprehensive method improved the extraction of PFASs from source zone soils, the recovery of spiked target PFASs (anions only) was assessed in a clean soil matrix. Four autoclaved replicates of 0.5 g of a soil sample were weighed into 50 mL polypropylene tubes spiked with a methanol solution of all target PFAS standards (Table A1.1). The solvent was allowed to evaporate for 1 h prior to adding 2 mL of synthetic groundwater (0.5 mM CaCl2 in water). Wetted soils were equilibrated for 24 h on a shaker table. This allowed spiked PFASs to equilibrate with the wetted soil matrix to simulate the extraction of field-collected or aged samples. A 5 µL aliquot of 1:1 NH4OH:methanol was added to all vials to limit the evaporation losses of PFASs. Once dry, 4 ng of all PFAS internal standards (Table A1.1) was added to each tube and the soil was extracted via the comprehensive method.

Spike Recovery of the AFFF Mixture. To evaluate the recovery of a broader suite of PFASs than the target list, including cations and zwitterions, a spike-recovery experiment using a mixture of AFFFs was performed. An equilibration step with an aqueous phase was again employed to mimic field conditions. The use of AFFF also allowed the identification of potential transformation reactions during extraction that would not be evident when solely spiking with analytical standards. Once prepared, 50 µL of the AFFF spiking solution (5000× dilution in 1:1 methanol/water) and 1 mL of synthetic groundwater were added to triplicate polypropylene tubes containing autoclaved 0.5 g Soil D. Triplicate tubes containing Soil D and 1 mL of water were extracted as controls, as well as triplicate tubes with water only as method blanks. All polypropylene tubes were vortexed, sonicated, centrifuged, and placed on a shaker table to shake vigorously for 1 week in an upright position. After equilibration, samples were dried under N_2 in a water bath (30 °C) and extracted via the comprehensive method. Internal standards (Table A1.1)

were added to each autosampler vial before LC-QTOF-MS analysis for AFFF spike-recovery experiments.

Site Sample Analysis. All soil samples from Jacksonville, Mugu, and Fentress NAS were extracted via the comprehensive method described above. A mixture of surrogate standards, containing all available isotopically-labeled PFAS standards (Table A1.1), was spiked onto each dry, homogenized sample prior to addition of extraction solvents.

INSTRUMENTAL ACQUISITION

All PFAS analyses were performed by LC−QTOF-MS (X500R; SCIEX, Framingham, MA). Each extract was analyzed twice: once for anionic and zwitterionic PFASs with negative mode electrospray (ESI−) analysis and once for cationic and zwitterionic PFASs with ESI+ analysis. Both analyses used 100 μL injection volumes and identical chromatographic conditions, except for the guard columns used. A Gemini C18 analytical column (3 mm × 100 mm × 5 μm; Phenomenex, Torrance, CA), one Security Guard C18 guard cartridge (4 mm × 2 mm I.D.; Phenomenex), andeither two Zorbax DIOL guard columns (4.6 mm × 12.5 mm × 6 μm; Agilent, Santa Clara, CA) for ESI− mode or one Zorbax SIL guard column (4.6 mm × 12.5 mm × 5 μm; Agilent) for ESI+ mode were used for all injections. All data were collected via SWATH data-independent acquisition. Details of chromatographic and mass spectral parameters canbe found in the Supporting Information (SI). A calibration curve of anionic target PFASs (Table S1), ranging from 0.02 to 2000 pg (mass/100 μL), was run with all ESI− analytical runs. For ESI− analysis, $^{13}C_2$-PFOA was used as an injection standard, added directly to the autosampler vials to check for consistency of injections and matrix effects. Since no isotopically labeled PFAS standards are currently available that ionize by ESI+, compounds with a variety of retention times and chemical structures were selected as injection standards in ESI+: atrazine-d5, diuron-d6, TCEP-d12, triphenyl phosphate-d15, metolachlor-d6, and carbamazepine-d10. Data were only used when the recorded peak area of injection standards in samples was within 50% of the average peak areas recorded during the calibration curve. In addition, dilutions of Capstone 1157 were run as a semiquantitative calibration curve alongside each set of samples in ESI+ analysis, prior to the availability of three ESI+ PFAS analytical standards: n-dimethyl ammonio propyl perfluorohexane sulfonamide (AmPr-FHxSA), n-trimethylammoniopropyl perfluorohexane sulfonamide (TAmPr-FHxSA), and 6:2 FTSA-PrB (see Nickerson et al., (2020) for structures, formulas, and neutral masses). Once these standards became available, they replaced the Capstone 1157 dilution as the calibration curve. Instrument blanks, solvent blanks, and continuing calibration verification (CCV) standards were run after every 10 samples. Sample concentrations were only reported if the CCV standards run before and after were within 30% accuracy. A mixture of AFFFs was injected alongside samples as chromatographic reference points for suspect screening hits.

DATA ANALYSIS

SCIEX OS (SCIEX) was used for data acquisition and processing to quantify targeted analytes and identify suspect PFASs from a custom extracted ion chromatogram (XIC) list containing molecular formulas for >1400 PFASs (D'Agostino et al. 2014; Barzen-Hanson et al. 2017b). Target analytes were defined as any compound for which an analytical standard was available, excluding the three ESI+ analytes since no isotopically labeled ESI+ PFAS standards were

currently available. Suspect matches were defined as compounds lacking analytical standards but meeting certain criteria specified below (confidence levels 2−4 based on Schymanski et al. (2014). The XIC list included well characterized PFASs, PFASs reported in the literature, and theoretical homologs (Nickerson et. al., (2020)). Mass spectra were also screened against a custom MS/MS spectral library of >300 AFFF-associated PFAS spectra.

QUANTITATIVE ANALYSIS AND QUALITY CONTROL

A list of target analytes and internal standards used for quantitation is provided in Table A1.1. Target analyte peaks were only considered when retention times were within 30 s of analytical standards, mass error <10 ppm from the nominal isotopic m/z (XIC window 0.01 Da), and the peak signal-to-noise ratio >10. Internal standard recoveries were calculated based on the average internal standard peak areas recorded during the calibration curve and were used to correct for matrix effects and extraction losses of target analytes. Target PFAS concentrations were only reported when they were at least three times higher than all instrument and method blanks' concentrations.

SUSPECT SCREENING

HRMS data were screened for the compounds in the XIC list, which were assumed to be present as the deprotonated molecular ion ([M − H]−) in ESI− and the protonated molecular ion ([M + H]+) in ESI+, to identify suspect matches beyond the targeted analytes. Mass spectral features were integrated with an XIC width of 0.01 Da, baseline subtraction over 2 min, and a Gaussian smoothing width of 1.0. Only peaks with a signal-to-noise ratio >25 were considered for compound matching. Mass spectral features were considered XIC matches when associated with a compound on the XIC list with <5 ppm mass error, <10% isotope ratio difference, and <70% spectral library match based on the SCIEX OS algorithm (or a higher library score with only the precursor ion matching upon visual inspection). Mass spectral features were considered library matches when associated with a compound on the XIC list with <10 ppm mass error, <20% isotope ratio difference, and >70% spectral library match, as well as visual confirmation of at least one matching fragment. Since MS/MS spectral matching gives higher confidence in identification, library matches were allowed to have a wider range of acceptable values for mass error and isotope ratio difference. Broadly, a library match would be considered to have a confidence level of 2, while an XIC match is of level 4 confidence (Schymanski et al. 2014). Both XIC and library matches were considered suspect matches. All structural isomers were reported when several fit the XIC match criteria and a single isomer could not be definitively identified. If a feature was associated with an XIC list compound as a library match, all other isomer matches for that feature were discarded. If a feature was matched with FT- and ECF-derived compounds, the presence or absence of peak branching was used as an indication of which match was more likely (branching from ECF and linear only from FT). However, if the peak area was low (<104), the absence of branching was not used to rule out the FT match. All branched isomers were integrated when present and reported as a single area or semiquantitative concentration. Compound matching also considered other class members; for example, the presence of odd-numbered homologues (eg. C5, C7) was used as evidence for the ECF-derived matches, as FT-derived compounds are typically present in even-numbered homologues. Finally, suspect matches were only considered valid if homologous series members eluted in reasonable order (increasing LC retention time with increasing chain length

within a PFAS class). Suspect matches were reported only if the area counts were three times higher than all instrument and method blank area counts.

SEMIQUANTITATION OF SUSPECT MATCHES. ESI-

The concentration of compounds identified as suspect matches was estimated by a semiquantitation (SQ) procedure that associated each XIC list compound with a target calibrant and internal standard based on commonly shared ionizable functional groups and perfluorinated chain lengths. Next, suspect match compound concentrations were calculated as a function of the response factor of the associated target calibrant/internal standard pair (response factor being the slope of the calibration curve), the molar mass of the target calibrant, the molar mass of the suspect compound, the observed peak area of the suspect compound-matched peak, the observed peak area of the internal standard, and the nominal spiked mass of the internal standard (eq 1). The target calibrant and internal standard pairs associated with each suspect compound match are shown in Nickerson et al., (2020). As additional standards became available, the matching process was updated to include new standards.

$$"mass"_{suspect} = \left(response\ factor_{\mathrm{target-IS}}\right) \times \frac{molar\ mass_{suspect}}{molar\ mass\ _{target}} \times \frac{area_{suspect}}{\mathrm{area_{IS}}} \times nominal\ mass_{\mathrm{IS}} \quad (1)$$

ESI+. Dilutions of Capstone 1157, an AFFF containing the X:2 FTSA-PrB class at previously published concentrations,(Backe et al. 2013) were run alongside soils A−C and all Jacksonville NAS samples. Suspect matches were assumed to have an equal molar response factor to either 6:2 or 8:2 FTSA-PrB, depending on the peak area of the suspect match, due to a ∼100-fold higher concentration of the 6:2 homologue in the calibration mixture. SQ concentrations of ESI+ suspect match compounds were calculated by eq 2, based on the slope and intercept of the linear regression between area and concentration (1/concentration weighting).

After Jacksonville NAS samples and Soils A-C had been analyzed, analytical standards for three ESI+-ionizable PFASs (6:2 FTSAPrB, AmPr-FHxSA, and TAmPr-FHxSA) became available from Wellington Laboratories. The AFFF spike experiment, Mugu samples, and Fentress sampleswere run with a calibration curve containing these three standards (all ESI+-analyzed PFASs were associated with one of the three newly available standards based on the similarity of ionizable functional group (Nickerson et al., (2020)) while all other ESI+ samples were run with the Capstone 1157 calibration curve. Once the three ESI+ PFAS standards became available, the 6:2 FTSA-PrB standard was used to correct the previously estimated ESI+ concentrations, which were based on 6:2 FTSA-PrB in Capstone 1157. A dilution of Capstone 1157 was run alongside a calibration curve of the 6:2 FTSA-PrB standard once it became available. It was determined that the previously estimated concentration of 6:2 FTSA-PrB in Capstone 1157 was in error by a factor of 2; therefore, all samples that had been run with the Capstone 1157 calibration curve had their ESI+ concentrations retroactively corrected to be 2 times higher. The most straightforward and accurate approach is to use all available ESI+ analytical standards for semiquantitation; as more standards become available, the calibrant matching will continue to evolve with time.

$$"mass"_{suspect} = \frac{area_{suspect} - intercept}{slope} \times \frac{molar\ mass_{suspect}}{\text{molar mass}_{\text{target}}} \quad (2)$$

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A.2 Analytical Methods for Groundwater (Oregon State University)

APPENDIX A.2:
ANALYTICAL METHODS FOR GROUNDWATER ANALYSIS (OREGON STATE UNIVERSITY)

OVERVIEW

Groundwater samples were analyzed using methods described in Schwichtenberg et al. (2020), and briefly summarized below.

METHODS

Sodium chloride and HCL were added to 6 mL of groundwater and spiked with 0.75 ng of 30 isotopically labeled surrogate standards. The water was extracted three times with ethyl acetate and trifluoro ethanol; the final extract was spiked with 1.5 ng of M2PFOA and M8PFOS. No positive mode surrogates were spiked into samples. The extracts were analyzed in negative and positive mode by liquid chromatography quadrupole time of flight mass spectrometry. The instrument was calibrated with 44 negative-mode target PFAS, three positive-mode PFAS (AmPr-FHxSA, TAmPr-FHxSA, and 6:2 FTSA-PrB), and 30 negative mode, stable-isotope labeled surrogate standards (see Schwichtenberg et al. 2020 for which target-surrogates used for quantification in negative mode).

The three positive mode target PFAS were calibrated using area counts for the native area counts (external calibration). The data was analyzed for 47 target PFAS and 1400 suspect PFAS as described in Schwichtenberg et al. (2020) and Nickerson et al. (2020). Information on the levels of uncertainty as well as mass errors, isotope ratios, and library matching was defined as described by Nickerson et al. 2020.

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APPENDIX B: QUALITY ASSURANCE/QUALITY CONTROL RESULTS

APPENDIX B:
QUALITY ASSURANCE / QUALITY CONTROL

1.0 SAMPLING PROCEDURES

Groundwater samples submitted for laboratory analysis were collected in accordance with Standard Operating Procedures (SOPs) routinely utilized by GSI, or sample collection methods validated during previous field programs.

Groundwater samples from all sites were analyzed by Oregon State University, and soil samples from all sites were analyzed by Colorado School of Mines. All samples were analyzed in accordance with applicable SOPs, laboratory guidelines, and the chain-of-custody.

2.0 CUSTODY PROCEDURES, HOLDING TIME, ARRIVAL TEMPERATURES

All samples submitted for analysis were received within the required holding times and within the limits specified for temperature for groundwater samples (i.e., ≤ 4° C). All samples were submitted under chain-of-custody control with no indication of any losses of custody. Chain of custody documentation was provided by the final recipient of the samples to document the complete series of custody transactions.

3.0 PRECISION ASSESSMENT

The precision assessment evaluates the agreement in analytical results between duplicate samples (field duplicates and laboratory duplicates).

3.1 Field Duplicates

Field precision was evaluated by calculating the relative percent difference (RPD) between duplicate samples for each site.

3.1.1 Groundwater

Relative percent difference values for duplicate samples of groundwater at the NAS Jacksonville site were calculated for 82 paired PFAS analytes for 2 duplicate samples. Of these, 21 analytes failed to meet the acceptance criteria of ≤ 30% (EDQW, 2020). The minimum RPD calculated was 4.9%, with a median of 109.1% and a maximum of 192%.

Relative percent difference values for duplicate samples of groundwater at the NBVC Point Mugu site were calculated for 46 paired PFAS analytes for one duplicate sample. Of these all analytes met the acceptance criteria of ≤ 30% (EDQW, 2020). The minimum RPD calculated was 3.4%, with a median of 6.7% and a maximum of 27.3%.

Relative percent difference values for duplicate samples of groundwater at the NALF Fentress site were calculated for 113 paired PFAS analytes for 5 duplicate samples. Of these, 32 analytes failed to meet the acceptance criteria of ≤ 30% (EDQW, 2020). The minimum RPD calculated was 1.03%, with a median of 26.92% and a maximum of 200%. Note that the maximum RPD of 200% was obtained from parent samples with measured PFAS concentration and duplicate samples with no measured PFAS concentration and accounted for 22 out of the 32 analytes that did not meet the acceptance criteria.

Overall, for groundwater samples: the NAS Jacksonville, Point Mugu, and NALF Fentress sites had 76%, 100%, and 93% of RPD values within the RPD success criteria, respectfully. Results of the field duplicate analysis are summarized below in Table 1.

3.1.2 Soil

At NAS Jacksonville, relative percent difference values for duplicate soil samples were calculated for 282 paired PFAS analytes for four duplicate samples collected. Results show that 21 analytes from three of the four duplicate samples failed to meet the acceptance criteria of ≤ 30% (EDQW, 2020). The lowest RPD value was 0.16%, with a median of 25.7% and a maximum of 200%. Note that the 200% RPD values accounted for two of the 21 analytes that did not meet acceptance criteria.

At Point Mugu, relative percent difference values for duplicate soil samples were calculated for 229 paired PFAS analytes for five duplicate samples collected. Results show that seven analytes from two of the five duplicate samples failed to meet the acceptance criteria of ≤ 30% (EDQW, 2020). The lowest RPD value was 0.2%, with a median of 23.3% and a maximum of 82.7%.

At NALF Fentress, relative percent difference values for duplicate soil samples were calculated for 239 paired PFAS analytes for the 8 duplicate samples. Results show that 38 analytes from seven of the eight duplicate samples failed to meet the acceptance criteria of ≤ 30% (EDQW, 2020). The lowest RPD value was 0.005%, with a median of 33.6% and a maximum of 200%. Note that the 200% RPDs accounted for 11 out of the 38 analytes that did not meet the acceptance criteria.

Overall, for soil samples: the NAS Jacksonville, Point Mugu, and NALF Fentress sites had 98%, 99%, and 97% of RPD values within the RPD success criteria, respectfully. Results of the field duplicate analysis are summarized below in Table 1.

Table 1: Summary of Field Duplicate Precision

Site	Media	Total Number of Samples	Total Duplicate Analyses	Relative Percent Difference (RPD)			% RPD Less Than 30%
				Min.	Median	Max.	
Site 1 – NAS Jacksonville	Groundwater	2	82	4.9	109.1	192	76%
	Soil	4	282	0.16	25.7	200	98%
Site 2 - Point Mugu	Groundwater	1	46	3.4	6.7	27.3	100%
	Soil	5	229	0.2	23.3	82.7	99%
Site 3 - NALF Fentress	Groundwater	5	113	1.03	26.9	200	93%
	Soil	8	239	0.005	33.6	200	97%

3.2 Laboratory Analysis Precision (Matrix Spike, Matrix Spike Duplicates, Laboratory Control Sample, Laboratory Control Sample Duplicate)

3.2.1 Oregon State University (Groundwater)

Laboratory precision was assessed as the percent Relative Standard Deviation (%RSD) from n=4 replicates from each of four batches. Thus, %RSD was calculated using 3 to 16 observations (Table 2). The limit of quantification ranged from 10-20 ng/L for most target PFAS (Schwichtenberg et al. 2020).

Table 2: Precision, as indicated by %RSD

Analyte	%RSD	n
PFBA	31	10
PFPeA	9.4	15
PFHxA	13	16
PFHpA	11	15
PFOA	7.7	16
PFNA	16	10
PFPrS	21	16
PFBS	26	16
PFPeS	43	15
PFHxS	6.9	16
PFHpS	15	9
PFOS	11	16
PFNS	17	3
PFDS	17	3
PFEtCHxS	13	13
FBSA	34	8
FHxSA	16	16
FOSA	39	8
MeFOSAA	38	8
6:2 FTS	13	16
8:2 FTS	11	16

Note: Results are for n=3-16 replicates. Values are shown only for analytes found in actual groundwater samples.

3.2.2 Colorado School of Mines (Soil)

NAS Jacksonville: one method blank was extracted alongside each batch of samples. 20% of all samples were extracted in triplicate with %RSD<30% (if above, result was flagged).

Point Mugu: one method blank, one laboratory control sample, and one matrix spike sample were extracted alongside each batch of samples. 20% of all samples were extracted in triplicate with %RSD<30% (if above, result was flagged).

NALF Fentress: one method blank, one laboratory control sample, one laboratory control sample duplicate, and one matrix spike were extracted alongside each batch of samples. 10% of all samples were extracted in triplicate with %RSD<30% (if above, result was flagged).

Method Blank: clean soil spiked with surrogate standards; if any native PFAS detected, reporting limit set to 3x the concentration.

Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCS-dup): clean soil spiked with native and surrogate standards; recoveries 70-130%, otherwise flagged

Matrix Spike: field sample spiked with native and surrogate standards; native recoveries 70-130% of expected concentration.

4.0 ACCURACY ASSESSMENT

4.1 Field Accuracy

The evaluation of field accuracy was based on the analytical results obtained for groundwater trip blanks, field blanks, and equipment rinsate samples. Field accuracy will be met if the concentrations of the constituents are below project quantitation limits.

4.1.1 Equipment Rinsate Blanks

At NAS Jacksonville, PFAS was detected in two samples of the 16 equipment rinsates collected. PFOS (320 ng/L), 6:2 FTSAPr-DiMeAn (80 ng/L), and TAmPr-FHxSA (22 ng/L) were detected in the same sample, while PFHxS (20 ng/L) was detected in the other sample.

AT NBVC Point Mugu, all six equipment rinsate samples successfully met accuracy criteria, meaning PFAS was not detected in any of the equipment rinsate samples collected.

At NALF Fentress, all 10 equipment rinsate samples successfully met the accuracy criteria, meaning PFAS was not detected in any of the equipment rinsate samples collected.

Results of equipment rinsate sample analysis are summarized below in Table 3.

Table 3: Equipment Rinsate Detections

Site	No. of Samples	No. of Detected Samples	Detection Range (ng/L)
Site 1 – NAS Jacksonville	16	2	20 – 320 (PFOS, 6:2 FTSAPr-DiMeAn, TAmPr-FHxSA, PFHxs)
Site 2 - Point Mugu	6	0	n/a
Site 3 - NALF Fentress	10	0	n/a

4.1.2 Trip Blanks

At NAS Jacksonville, PFAS was detected in one trip blank sample (PFHxA at 11 ng/L) of the 14 trip blank samples analyzed.

At Point Mugu, all seven trip blank samples successfully met the accuracy criteria, meaning PFAS was not detected in any of the trip blank samples analyzed.

At NALF Fentress, PFAS was detected in one trip blank sample (PFOA at 34 ng/L; PFHxS at 14 ng/L; and PFOS at 15 ng/L) of the total 11 trip blank samples analyzed.

Results of trip blank sample analysis are summarized below in Table 4.

Table 4: Trip Blank Detections

Site	No. of Samples	No. of Detected Samples	Detection Range (ng/L)
Site 1 - JAX	14	1	11(PFHxA)
Site 2 - Point Mugu	7	0	N/A
Site 3 - NALF Fentress	11	1	14 – 34 (PFOA, PFHxS, PFOS)

4.1.3 Field Blanks

Field blanks were also collected to evaluate the potential for impacts to a sample, from another chemical source not associated with the sample collected.

All 10 field blanks at NAS Jacksonville successfully met the accuracy criteria, meaning PFAS was not detected in any of the field blanks collected.

All seven field blanks at Point Mugu successfully met the accuracy criteria, meaning PFAS was not detected in any of the field blanks collected.

At NALF Fentress, PFAS was detected in one field blank sample (PFHpA at 11 ng/L) of the total 10 field blanks collected.

Results of the field blank sample analysis are summarized below in Table 5.

Table 5. Field Blanks

Site	No. of Samples	No of Detected Samples	Detection Range (ng/L)
Site 1 - JAX	11	0	N/A
Site 2 - Point Mugu	7	0	N/A
Site 3 - NALF Fentress	10	1	11 (PFHpA)

4.2 Laboratory Accuracy

4.2.1 Oregon State University (Groundwater)

Laboratory accuracy was assessed based on percent recoveries from Matrix Spike/ Matrix Spike Duplicate (MS/MSD), Laboratory Control Samples (LCS), and surrogate samples. The accuracy of the method, as indicated by recovery, was 70-112% for most target PFAS spiked into blank water with five target PFAS that lacked matched surrogate standards giving recoveries from 56-65% (Schwichtenberg et al., 2020). The average MPFOA and MPFOS recoveries from groundwater were 88 to 106%, with MPFOA ranging from 49.7-120% and MPFOS ranging from 65.3-147%.

4.2.2 Colorado School of Mines (Soil)

Due to changing QA/QC requirements throughout the time of this project, samples from Mugu and Fentress were analyzed with additional QC samples. Injection standards recoveries in ESI- and ESI+ were required to be within 50-150% accuracy, otherwise samples were rerun or diluted and rerun. Surrogate standard recoveries (ESI- only) were also 50-150%; results outside of this range were flagged but still used for analysis.

5.0 COMPLETENESS ASSESSMENT

The data quality exceptions noted in the data quality review are typical of environmental field programs, and none of these exceptions limit the usability of the results obtained. The results of the data quality review are summarized below in Table 6.

Table 6. Summary of Data Evaluation Results

Data Quality Objective	Results of Data Quality Evaluation
Sampling Procedures	Acceptable
Custody Procedures	Acceptable
Holding Time	Acceptable
Temperature on Arrival	Acceptable
Field Duplicate Samples	Acceptable*
MS/MSD Samples	Acceptable*
LCS/LCSD Samples	Acceptable
Blank Analysis	Acceptable
Completeness Assessment	Acceptable
Overall Data Usability	**Acceptable**

Notes:

1. Acceptable = This Data Quality Objective was evaluated and found to have met the requirements outlined in the Quality Assurance Project Plan.
2. Acceptable* = This Data Quality Objective was evaluated and found to have deficiencies or exceptions as discussed in the text; however, the data was determined to be usable.

APPENDIX C: NAS JACKSONVILLE SITE DATA

C.1 Soil Adsorption Coefficients and Retardation Factors

C.2 HPT and Boring Logs

C.3 Groundwater Field Parameters

C.4 VOCs and Soil

C.5 PFAS Results

C.1 Soil Adsorption Coefficients and Retardation Factors

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Table 1: Soil Adsorption Coefficients (Kd, L/kg) and Retardation Factors of PFAS at NAS Jacksonville, FL

				Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	**Soil Type**	**Depth (ft bgs)**	***foc***	**PFBA**	**PFBA**	**PFBA**	**PFBA**	**PFBA**	**PFPeA**	**PFPeA**	**PFPeA**	**PFPeA**	**PFPeA**
Loc 01	SP	10	0.014	<LOQ	ND				<LOQ	16			
Loc 02	SP	10	0.012	0.0	850				<LOQ	2800			
Loc 03	SP	10	0.010	1.0	1100	0.91	88.26	5.24	<LOQ	3200			
Loc 03	SP	50	0.018	0.9	3100	0.30	16.99	2.42	1.9	360000	0.01	0.30	1.02
Loc 08	SP	10	0.014	0.0	20000				<LOQ	68000			
Loc 10	SP	10	0.019	1.3	1700	0.76	39.83	4.57	2.2	9400	0.23	12.19	2.09
Loc 11	SP	10	0.020	0.5	180	3.00	149.25	15.00	0.2	230	0.78	38.94	4.65
Loc 12	SP	10	0.018	1.2	4300	0.28	15.42	2.30	1.2	11000	0.11	6.03	1.51
Loc 13	SP	10	0.024	<LOQ	670				<LOQ	1700			
Loc 14	SP	50	0.018	<LOQ	ND				<LOQ	13000			
		Geomean (SP)				***0.71***		***4.57***			***0.10***		***1.97***
Loc 01	SM	35	0.021	<LOQ	2200				1.8	11000	0.16	7.94	1.72
Loc 02	SM	20	0.019	0.0	8000				3.7	29000	0.13	6.63	1.56
Loc 02	SM	35	0.014	0.0	6100				5.8	27000	0.21	15.80	1.95
Loc 03	SM	20	0.019	4.1	8000	0.51	26.62	3.26	7.7	350000	0.02	1.14	1.10
Loc 03	SM	33	0.014	7.9	7400	1.07	78.50	5.70	17.0	28000	0.61	44.64	3.67
Loc 09	SM	10	0.014	1.1	1400	0.79	56.12	4.46	2.4	5100	0.47	33.61	3.07
Loc 09	SM	20	0.019	2.7	11000	0.25	12.75	2.08	5.1	18000	0.28	14.72	2.25
Loc 13	SM	20	0.019	<LOQ	1200				<LOQ	3700			
Loc 13	SM	35	0.018	<LOQ	ND				<LOQ	27			
Loc 14	SM	10	0.022	0.7	<LOQ				<LOQ	500			
Loc 15	SM	10	0.012	<LOQ	350				<LOQ	1200			
		Geomean (SM)				**0.57**		**3.62**			**0.19**		**2.04**
Loc 08	ML	33	0.045	0.0	820000				17.0	3700	4.59	101.43	16.68
Loc 10	ML	20	0.025	2.9	9700	0.30	11.77	2.02	8.6	31000	0.28	10.92	1.95
Loc 11	ML	20	0.025	0.9	1100	0.81	31.85	3.76	1.0	3400	0.28	11.00	1.95
Loc 15	ML	20	0.025	<LOQ	1700				<LOQ	1700			
Loc 15	ML	35	0.036	<LOQ	1900				6.7	12000	0.56	15.42	2.90
		Geomean (ML)				**0.49**		**2.76**			**0.67**		**3.68**
Loc 01	CL	20	0.047	<LOQ	160				0.2	430	0.51	10.89	2.26
Loc 09	CL	35	0.020	8.4	2100	4.00	199.00	10.82	23.0	4200	5.48	272.45	14.44
Loc 10	CL	35	0.031	8.2	12000	0.68	22.26	2.68	21.0	40000	0.53	17.10	2.29
Loc 11	CL	35	0.020	5.8	12000	0.48	24.53	2.19	10.0	32000	0.31	15.86	1.77
Loc 12	CL	35	0.062	3.2	3300	0.97	15.59	3.38	6.9	4100	1.68	27.06	5.13
Loc 14	CL	35	0.094	<LOQ	ND				<LOQ	ND			
		Geomean (CL)				**1.06**		**3.82**			**0.95**		**3.68**

Table 1: Soil Adsorption Coefficients (Kd, L/kg) and Retardation Factors of PFAS at NAS Jacksonville, FL

				Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Type	Depth (ft bgs)	*foc*	PFHxA	PFHxA	PFHxA	PFHxA	PFHxA	PFHpA	PFHpA	PFHpA	PFHpA	PFHpA
Loc 01	SP	10	0.014	<LOQ	24				<LOQ	ND			
Loc 02	SP	10	0.012	1.6	32000	0.05	4.27	1.23	0.4	7200	0.05	4.15	1.23
Loc 03	SP	10	0.010	3.5	4000	0.88	84.95	5.08	0.7	2100	0.35	34.21	2.64
Loc 03	SP	50	0.018	3.2	650000	0.00	0.28	1.02	0.8	72000	0.01	0.61	1.05
Loc 08	SP	10	0.014	0.5	290000	0.00	0.11	1.01	<LOQ	39000			
Loc 10	SP	10	0.019	7.3	24000	0.30	15.84	2.42	1.0	2100	0.48	24.80	3.22
Loc 11	SP	10	0.020	0.2	<LOQ				0.1	240	0.35	17.21	2.61
Loc 12	SP	10	0.018	3.9	23000	0.17	9.37	1.79	0.6	3600	0.16	8.59	1.73
Loc 13	SP	10	0.024	<LOQ	3400				0.1	800	0.16	6.71	1.76
Loc 14	SP	50	0.018	<LOQ	ND				<LOQ	ND			
		Geomean (SP)				***0.05***		***1.74***			***0.13***		***1.89***
Loc 01	SM	35	0.021	2.5	18000	0.14	6.74	1.61	0.9	6500	0.13	6.50	1.59
Loc 02	SM	20	0.019	5.4	18000	0.30	15.58	2.32	1.1	5600	0.20	10.20	1.86
Loc 02	SM	35	0.014	8.9	52000	0.17	12.58	1.75	2.1	9400	0.22	16.43	1.98
Loc 03	SM	20	0.019	14.0	1000000	0.01	0.73	1.06	2.3	120000	0.02	1.00	1.08
Loc 03	SM	33	0.014	60.0	92000	0.65	47.95	3.87	11.0	9200	1.20	87.92	6.26
Loc 09	SM	10	0.014	7.9	7000	1.13	80.61	5.97	1.3	3000	0.43	30.95	2.91
Loc 09	SM	20	0.019	12.0	32000	0.38	19.48	2.65	1.7	6800	0.25	12.99	2.10
Loc 13	SM	20	0.019	3.7	2600	1.42	73.93	7.26	0.6	2100	0.26	13.61	2.15
Loc 13	SM	35	0.018	<LOQ	<LOQ				<LOQ	<LOQ			
Loc 14	SM	10	0.022	0.3	1500	0.20	9.13	1.88	<LOQ	290			
Loc 15	SM	10	0.012	<LOQ	3300				0.2	1000	0.17	13.93	1.75
		Geomean (SM)				**0.27**		**2.62**			**0.21**		**2.13**
Loc 08	ML	33	0.045	59.0	230000	0.26	5.66	1.88	12.0	770000	0.02	0.34	1.05
Loc 10	ML	20	0.025	22.0	140000	0.16	6.19	1.54	3.2	9700	0.33	12.99	2.13
Loc 11	ML	20	0.025	2.7	7500	0.36	14.17	2.23	0.5	1800	0.30	11.81	2.02
Loc 15	ML	20	0.025	4.4	2100	2.10	82.49	8.15	0.7	2800	0.25	9.84	1.85
Loc 15	ML	35	0.036	25.0	39000	0.64	17.71	3.19	3.8	7700	0.49	13.63	2.68
		Geomean (ML)				**0.45**		**2.78**			**0.18**		**1.86**
Loc 01	CL	20	0.047	0.2	350	0.66	13.98	2.61	<LOQ	210			
Loc 09	CL	35	0.020	64.0	9400	6.81	338.73	17.71	17.0	1900	8.95	445.14	22.96
Loc 10	CL	35	0.031	71.0	39000	1.82	59.30	5.47	13.0	16000	0.81	26.47	2.99
Loc 11	CL	35	0.020	52.0	56000	0.93	47.14	3.28	8.4	15000	0.56	28.43	2.37
Loc 12	CL	35	0.062	42.0	17000	2.47	39.72	7.06	6.9	4800	1.44	23.11	4.53
Loc 14	CL	35	0.094	<LOQ	ND				<LOQ	ND			
		Geomean (CL)				**1.80**		**5.67**			**1.56**		**5.21**

Table 1: Soil Adsorption Coefficients (Kd, L/kg) and Retardation Factors of PFAS at NAS Jacksonville, FL

				Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Type	Depth (ft bgs)	*foc*	PFOA	PFOA	PFOA	PFOA	PFOA	PFNA	PFNA	PFNA	PFNA	PFNA
Loc 01	SP	10	0.014	<LOQ	170				<LOQ	23			
Loc 02	SP	10	0.012	1.0	5400	0.18	15.35	1.84	<LOQ	220			
Loc 03	SP	10	0.010	3.1	9200	0.34	32.71	2.57	<LOQ	530			
Loc 03	SP	50	0.018	11.0	1500000	0.01	0.41	1.03	<LOQ	ND			
Loc 08	SP	10	0.014	0.4	47000	0.01	0.64	1.04	0.2	2300	0.07	5.17	1.34
Loc 10	SP	10	0.019	6.7	4000	1.68	87.24	8.82	0.5	2400	0.21	10.85	1.97
Loc 11	SP	10	0.020	0.7	<LOQ				0.2	450	0.42	21.01	2.97
Loc 12	SP	10	0.018	2.5	13000	0.19	10.62	1.90	0.4	2400	0.15	8.52	1.72
Loc 13	SP	10	0.024	4.0	15000	0.27	11.02	2.24	<LOQ	ND			
Loc 14	SP	50	0.018	<LOQ	120000				<LOQ	ND			
		Geomean (SP)				***0.12***		***2.12***			***0.18***		***1.92***
Loc 01	SM	35	0.021	6.6	16000	0.41	20.02	2.82	0.1	470	0.26	12.39	2.12
Loc 02	SM	20	0.019	4.7	20000	0.24	12.21	2.03	<LOQ	150			
Loc 02	SM	35	0.014	15.0	57000	0.26	19.35	2.16	0.9	1700	0.50	36.76	3.20
Loc 03	SM	20	0.019	24.0	120000	0.20	10.39	1.88	0.3	1900	0.14	7.11	1.60
Loc 03	SM	33	0.014	170.0	630000	0.27	19.84	2.19	1.1	2300	0.48	35.17	3.10
Loc 09	SM	10	0.014	5.8	11000	0.53	37.66	3.32	0.2	370	0.57	40.54	3.50
Loc 09	SM	20	0.019	25.0	44000	0.57	29.52	3.50	0.8	4200	0.19	10.02	1.85
Loc 13	SM	20	0.019	11.0	14000	0.79	40.82	4.46	<LOQ	ND			
Loc 13	SM	35	0.018	<LOQ	30				<LOQ	ND			
Loc 14	SM	10	0.022	<LOQ	3500				<LOQ	ND			
Loc 15	SM	10	0.012	1.8	5300	0.34	27.84	2.49	<LOQ	180			
		Geomean (SM)				**0.36**		**2.66**			**0.31**		**2.45**
Loc 08	ML	33	0.045	<LOQ	740000				0.8	2100	0.40	8.72	2.35
Loc 10	ML	20	0.025	9.9	32000	0.31	12.18	2.06	1.3	4200	0.31	12.19	2.06
Loc 11	ML	20	0.025	1.1	2400	0.46	18.04	2.56	0.1	290	0.38	14.93	2.29
Loc 15	ML	20	0.025	7.5	6400	1.17	46.14	5.00	0.2	290	0.59	23.08	3.00
Loc 15	ML	35	0.036	67.0	110000	0.61	16.83	3.08	0.2	ND			
		Geomean (ML)				**0.56**		**3.00**			**0.41**		**2.40**
Loc 01	CL	20	0.047	0.3	410	0.80	17.13	2.98	<LOQ	74			
Loc 09	CL	35	0.020	490.0	32000	15.31	761.82	38.59	0.4	16	22.50	1119.40	56.23
Loc 10	CL	35	0.031	340.0	80000	4.25	138.44	11.43	0.6	2200	0.27	8.88	1.67
Loc 11	CL	35	0.020	230.0	290000	0.79	40.26	2.95	0.4	1300	0.34	17.18	1.83
Loc 12	CL	35	0.062	220.0	18000	12.22	196.50	31.00	<LOQ	ND			
Loc 14	CL	35	0.094	<LOQ	19				<LOQ	ND			
		Geomean (CL)				**3.48**		**10.37**			**1.28**		**5.56**

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Table 1: Soil Adsorption Coefficients (Kd, L/kg) and Retardation Factors of PFAS at NAS Jacksonville, FL

				Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	**Soil Type**	**Depth (ft bgs)**	***foc***	**PFDA**	**PFDA**	**PFDA**	**PFDA**	**PFDA**	**PFPrS**	**PFPrS**	**PFPrS**	**PFPrS**	**PFPrS**
Loc 01	SP	10	0.014	0.1	<LOQ				<LOQ	ND			
Loc 02	SP	10	0.012	<LOQ	300				<LOQ	<LOQ			
Loc 03	SP	10	0.010	1.3	650	2.00	194.17	10.33	0.0	ND			
Loc 03	SP	50	0.018	<LOQ	28				0.0	<LOQ			
Loc 08	SP	10	0.014	<LOQ	150				<LOQ	<LOQ			
Loc 10	SP	10	0.019	<LOQ	20				1.0	1100	0.88	45.93	5.12
Loc 11	SP	10	0.020	0.1	12	11.67	580.43	55.44	<LOQ	<LOQ			
Loc 12	SP	10	0.018	<LOQ	10				0.4	6100	0.07	3.89	1.33
Loc 13	SP	10	0.024	<LOQ	ND				0.0	<LOQ			
Loc 14	SP	50	0.018	<LOQ	ND				0.0	ND			
		Geomean (SP)				***4.83***		***23.94***			***0.25***		***2.61***
Loc 01	SM	35	0.021	0.1	230	0.28	13.51	2.22	<LOQ	2800			
Loc 02	SM	20	0.019	<LOQ	360				<LOQ	<LOQ			
Loc 02	SM	35	0.014	0.2	1000	0.23	16.91	2.01	1.6	6700	0.24	17.56	2.05
Loc 03	SM	20	0.019	0.3	1100	0.26	13.70	2.16	0.0	<LOQ			
Loc 03	SM	33	0.014	0.7	150	4.40	323.53	20.36	0.0	<LOQ			
Loc 09	SM	10	0.014	0.1	10	6.46	461.31	29.42	0.8	3700	0.23	16.22	2.00
Loc 09	SM	20	0.019	0.1	410	0.20	10.26	1.87	1.2	9600	0.13	6.49	1.55
Loc 13	SM	20	0.019	<LOQ	ND				0.0	<LOQ			
Loc 13	SM	35	0.018	<LOQ	ND				0.0	ND			
Loc 14	SM	10	0.022	<LOQ	ND				0.0	<LOQ			
Loc 15	SM	10	0.012	<LOQ	ND				0.0	<LOQ			
		Geomean (SM)				**0.68**		**4.70**			**0.19**		**1.85**
Loc 08	ML	33	0.045	<LOQ	ND				7.7	<LOQ			
Loc 10	ML	20	0.025	<LOQ	ND				3.2	19000	0.17	6.63	1.57
Loc 11	ML	20	0.025	0.1	34	1.85	72.95	7.32	0.2	1600	0.13	5.17	1.45
Loc 15	ML	20	0.025	<LOQ	22				0.0	<LOQ			
Loc 15	ML	35	0.036	<LOQ	ND				0.0	1300			
		Geomean (ML)				**1.85**		**7.32**			**0.15**		**1.51**
Loc 01	CL	20	0.047	<LOQ	<LOQ				<LOQ	<LOQ			
Loc 09	CL	35	0.020	<LOQ	<LOQ				0.8	<LOQ			
Loc 10	CL	35	0.031	<LOQ	200				5.1	15000	0.34	11.07	1.83
Loc 11	CL	35	0.020	0.1	98	0.64	32.63	2.58	3.8	20000	0.19	9.64	1.47
Loc 12	CL	35	0.062	<LOQ	ND				1.4	<LOQ			
Loc 14	CL	35	0.094	<LOQ	ND				0.0	ND			
		Geomean (CL)				**0.64**		**2.58**			**0.25**		**1.64**

Table 1: Soil Adsorption Coefficients (Kd, L/kg) and Retardation Factors of PFAS at NAS Jacksonville, FL

				Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	**Soil Type**	**Depth (ft bgs)**	***foc***	**PFBS**	**PFBS**	**PFBS**	**PFBS**	**PFBS**	**PFPeS**	**PFPeS**	**PFPeS**	**PFPeS**	**PFPeS**
Loc 01	SP	10	0.014	<LOQ	11				<LOQ	10			
Loc 02	SP	10	0.012	<LOQ	81				<LOQ	110			
Loc 03	SP	10	0.010	0.1	39	2.82	273.84	14.16	0.1	120	0.67	64.72	4.11
Loc 03	SP	50	0.018	0.3	1100	0.25	14.26	2.19	0.2	1100	0.14	7.64	1.64
Loc 08	SP	10	0.014	0.0	25000	0.00	0.06	1.00	0.3	23000	0.01	0.85	1.06
Loc 10	SP	10	0.019	2.7	4900	0.55	28.70	3.57	2.9	7900	0.37	19.12	2.71
Loc 11	SP	10	0.020	<LOQ	86				0.0	120	0.18	8.71	1.82
Loc 12	SP	10	0.018	1.1	5900	0.19	10.30	1.87	1.7	6800	0.25	13.81	2.17
Loc 13	SP	10	0.024	0.7	2000	0.36	14.88	2.68	0.4	2700	0.13	5.51	1.62
Loc 14	SP	50	0.018	<LOQ	<LOQ				<LOQ	ND			
		Geomean (SP)				***0.17***		***2.87***			***0.16***		***1.99***
Loc 01	SM	35	0.021	0.8	2200	0.35	17.21	2.56	0.6	2800	0.20	9.71	1.88
Loc 02	SM	20	0.019	0.0	270	0.07	3.46	1.29	0.4	800	0.45	23.38	2.98
Loc 02	SM	35	0.014	0.3	5800	0.05	3.80	1.23	6.4	11000	0.58	42.78	3.56
Loc 03	SM	20	0.019	1.9	44000	0.04	2.24	1.19	1.3	27000	0.05	2.50	1.21
Loc 03	SM	33	0.014	24.0	950000	0.03	1.86	1.11	17.0	ND			
Loc 09	SM	10	0.014	3.3	3600	0.92	65.48	5.03	4.1	8300	0.49	35.28	3.17
Loc 09	SM	20	0.019	2.9	8700	0.33	17.32	2.47	2.3	8900	0.26	13.42	2.14
Loc 13	SM	20	0.019	0.8	2600	0.29	15.18	2.29	0.4	380	1.16	60.15	6.09
Loc 13	SM	35	0.018	<LOQ	<LOQ				<LOQ	ND			
Loc 14	SM	10	0.022	0.3	840	0.32	14.68	2.41	0.1	650	0.20	9.13	1.88
Loc 15	SM	10	0.012	0.1	460	0.16	12.83	1.69	0.0	340	0.14	11.57	1.62
		Geomean (SM)				**0.15**		**1.90**			**0.28**		**2.44**
Loc 08	ML	33	0.045	1.6	39000	0.04	0.91	1.14	35.0	ND			
Loc 10	ML	20	0.025	9.6	23000	0.42	16.43	2.42	8.2	23000	0.36	14.04	2.22
Loc 11	ML	20	0.025	0.8	1800	0.45	17.72	2.54	1.2	2300	0.52	20.54	2.78
Loc 15	ML	20	0.025	1.2	2800	0.43	16.87	2.46	0.8	3700	0.22	8.62	1.75
Loc 15	ML	35	0.036	4.5	3800	1.18	32.71	5.04	3.5	2800	1.25	34.53	5.26
		Geomean (ML)				**0.33**		**2.44**			**0.47**		**2.74**
Loc 01	CL	20	0.047	0.0	47	0.57	12.22	2.41	0.0	40	0.45	9.57	2.10
Loc 09	CL	35	0.020	3.0	320	9.38	466.42	24.01	2.0	320	6.25	310.95	16.34
Loc 10	CL	35	0.031	13.0	15000	0.87	28.23	3.13	9.3	18000	0.52	16.83	2.27
Loc 11	CL	35	0.020	10.0	23000	0.43	22.07	2.07	11.0	17000	0.65	32.85	2.59
Loc 12	CL	35	0.062	4.5	2800	1.61	25.84	4.94	5.8	2900	2.00	32.15	5.91
Loc 14	CL	35	0.094	<LOQ	ND				<LOQ	ND			
		Geomean (CL)				**1.27**		**4.50**			**1.13**		**4.12**

Table 1: Soil Adsorption Coefficients (Kd, L/kg) and Retardation Factors of PFAS at NAS Jacksonville, FL

				Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Type	Depth (ft bgs)	*foc*	PFHxS	PFHxS	PFHxS	PFHxS	PFHxS	PFHpS	PFHpS	PFHpS	PFHpS	PFHpS
Loc 01	SP	10	0.014	<LOQ	60				<LOQ	ND			
Loc 02	SP	10	0.012	1.0	3100	0.32	27.57	2.51	<LOQ	270			
Loc 03	SP	10	0.010	2.1	3300	0.64	61.78	3.97	0.2	39	4.36	423.20	21.34
Loc 03	SP	50	0.018	1.2	4900	0.24	13.72	2.14	0.1	570	0.12	6.59	1.55
Loc 08	SP	10	0.014	2.5	92000	0.03	1.90	1.13	0.1	6700	0.01	1.04	1.07
Loc 10	SP	10	0.019	30.0	64000	0.47	24.41	3.19	2.3	6100	0.38	19.64	2.76
Loc 11	SP	10	0.020	0.5	1900	0.28	13.88	2.30	0.2	210	0.86	42.64	5.00
Loc 12	SP	10	0.018	15.0	32000	0.47	25.90	3.19	1.0	3600	0.28	15.19	2.28
Loc 13	SP	10	0.024	4.2	8600	0.49	20.18	3.28	0.0	160	0.31	12.65	2.43
Loc 14	SP	50	0.018	<LOQ	<LOQ				<LOQ	ND			
		Geomean (SP)				***0.28***		***2.56***			***0.30***		***3.09***
Loc 01	SM	35	0.021	7.9	23000	0.34	16.67	2.51	0.7	2800	0.25	11.96	2.08
Loc 02	SM	20	0.019	3.3	5400	0.61	31.75	3.69	0.2	940	0.17	8.84	1.75
Loc 02	SM	35	0.014	29.0	75000	0.39	28.43	2.70	2.1	7400	0.28	20.87	2.25
Loc 03	SM	20	0.019	14.0	36000	0.39	20.20	2.71	4.8	13000	0.37	19.18	2.62
Loc 03	SM	33	0.014	140.0	99000	1.41	103.98	7.22	15.0	7400	2.03	149.05	9.92
Loc 09	SM	10	0.014	54.0	43000	1.26	89.70	6.53	2.4	8000	0.30	21.43	2.32
Loc 09	SM	20	0.019	25.0	49000	0.51	26.50	3.24	2.1	5700	0.37	19.14	2.62
Loc 13	SM	20	0.019	5.4	7800	0.69	35.96	4.05	0.1	260	0.30	15.78	2.34
Loc 13	SM	35	0.018	0.1	11	7.91	441.85	35.80	<LOQ	ND			
Loc 14	SM	10	0.022	0.8	2500	0.32	14.79	2.43	0.0	33	0.52	23.52	3.27
Loc 15	SM	10	0.012	1.6	6300	0.25	20.82	2.12	0.5	880	0.55	44.71	3.40
		Geomean (SM)				**0.67**		**4.23**			**0.39**		**2.84**
Loc 08	ML	33	0.045	160.0	320000	0.50	11.04	2.71	6.3	290000	0.02	0.48	1.07
Loc 10	ML	20	0.025	80.0	160000	0.50	19.69	2.71	5.3	12000	0.44	17.39	2.51
Loc 11	ML	20	0.025	9.8	8000	1.23	48.23	5.18	0.2	540	0.41	16.04	2.39
Loc 15	ML	20	0.025	9.6	11000	0.87	34.36	3.98	0.5	1600	0.32	12.55	2.09
Loc 15	ML	35	0.036	50.0	49000	1.02	28.19	4.48	2.3	3200	0.72	19.85	3.45
		Geomean (ML)				**0.77**		**3.68**			**0.25**		**2.15**
Loc 01	CL	20	0.047	0.4	940	0.46	9.73	2.12	<LOQ	93			
Loc 09	CL	35	0.020	32.0	1500	21.33	1061.36	53.36	0.3	<LOQ			
Loc 10	CL	35	0.031	110.0	76000	1.45	47.15	4.55	3.8	10000	0.38	12.38	1.93
Loc 11	CL	35	0.020	120.0	96000	1.25	63.45	4.07	3.5	5400	0.65	32.90	2.59
Loc 12	CL	35	0.062	78.0	4000	19.50	313.50	48.86	1.6	18	88.89	1429.08	219.18
Loc 14	CL	35	0.094	<LOQ	<LOQ				<LOQ	ND			
		Geomean (CL)				**3.22**		**10.05**			**2.80**		**10.32**

Table 1: Soil Adsorption Coefficients (Kd, L/kg) and Retardation Factors of PFAS at NAS Jacksonville, FL

				Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	**Soil Type**	**Depth (ft bgs)**	***foc***	**PFOS**	**PFOS**	**PFOS**	**PFOS**	**PFOS**	**PFNS**	**PFNS**	**PFNS**	**PFNS**	**PFNS**
Loc 01	SP	10	0.014	<LOQ	560				<LOQ	ND			
Loc 02	SP	10	0.012	46.0	120000	0.38	32.76	2.79	0.3	510	0.67	56.98	4.11
Loc 03	SP	10	0.010	690.0	1500000	0.46	44.66	3.15	14.0	1200	11.67	1132.69	55.44
Loc 03	SP	50	0.018	3.1	450000	0.01	0.39	1.03	<LOQ	65			
Loc 08	SP	10	0.014	35.0	570000	0.06	4.29	1.29	0.1	ND			
Loc 10	SP	10	0.019	73.0	150000	0.49	25.35	3.27	0.2	510	0.39	20.42	2.83
Loc 11	SP	10	0.020	17.0	11000	1.55	76.89	8.21	<LOQ	ND			
Loc 12	SP	10	0.018	69.0	71000	0.97	53.69	5.54	<LOQ	ND			
Loc 13	SP	10	0.024	<LOQ	320				<LOQ	ND			
Loc 14	SP	50	0.018	<LOQ	ND				<LOQ	ND			
		Geomean (SP)				***0.25***		***2.90***			***1.45***		***8.64***
Loc 01	SM	35	0.021	16.0	56000	0.29	13.87	2.26	<LOQ	ND			
Loc 02	SM	20	0.019	55.0	150000	0.37	19.05	2.61	0.1	1900	0.05	2.60	1.22
Loc 02	SM	35	0.014	190.0	320000	0.59	43.66	3.61	<LOQ	ND			
Loc 03	SM	20	0.019	330.0	1200000	0.28	14.29	2.21	0.3	ND			
Loc 03	SM	33	0.014	290.0	1900000	0.15	11.22	1.67	0.1	ND			
Loc 09	SM	10	0.014	33.0	41000	0.80	57.49	4.54	<LOQ	ND			
Loc 09	SM	20	0.019	70.0	180000	0.39	20.20	2.71	0.1	1100	0.12	6.14	1.52
Loc 13	SM	20	0.019	0.7	2100	0.31	16.08	2.36	<LOQ	ND			
Loc 13	SM	35	0.018	<LOQ	<LOQ				<LOQ	ND			
Loc 14	SM	10	0.022	<LOQ	770				<LOQ	ND			
Loc 15	SM	10	0.012	5.3	14000	0.38	31.03	2.67	<LOQ	ND			
		Geomean (SM)				**0.36**		**2.63**			**0.08**		**1.36**
Loc 08	ML	33	0.045	41.0	120000	0.34	7.54	2.17	<LOQ	ND			
Loc 10	ML	20	0.025	110.0	230000	0.48	18.83	2.63	0.1	660	0.17	6.56	1.57
Loc 11	ML	20	0.025	12.0	24000	0.50	19.69	2.71	<LOQ	75			
Loc 15	ML	20	0.025	16.0	37000	0.43	17.02	2.48	<LOQ	ND			
Loc 15	ML	35	0.036	11.0	6100	1.80	49.81	7.15	<LOQ	ND			
		Geomean (ML)				**0.58**		**3.07**			**0.17**		**1.57**
Loc 01	CL	20	0.047	2.1	6600	0.32	6.77	1.78	<LOQ	ND			
Loc 09	CL	35	0.020	1.7	400	4.25	211.44	11.43	<LOQ	ND			
Loc 10	CL	35	0.031	12.0	170000	0.07	2.30	1.17	<LOQ	45			
Loc 11	CL	35	0.020	8.1	500000	0.02	0.82	1.04	<LOQ	<LOQ			
Loc 12	CL	35	0.062	4.4	580	7.59	121.96	19.62	<LOQ	<LOQ			
Loc 14	CL	35	0.094	<LOQ	86				<LOQ	ND			
		Geomean (CL)				**0.41**		**3.45**					

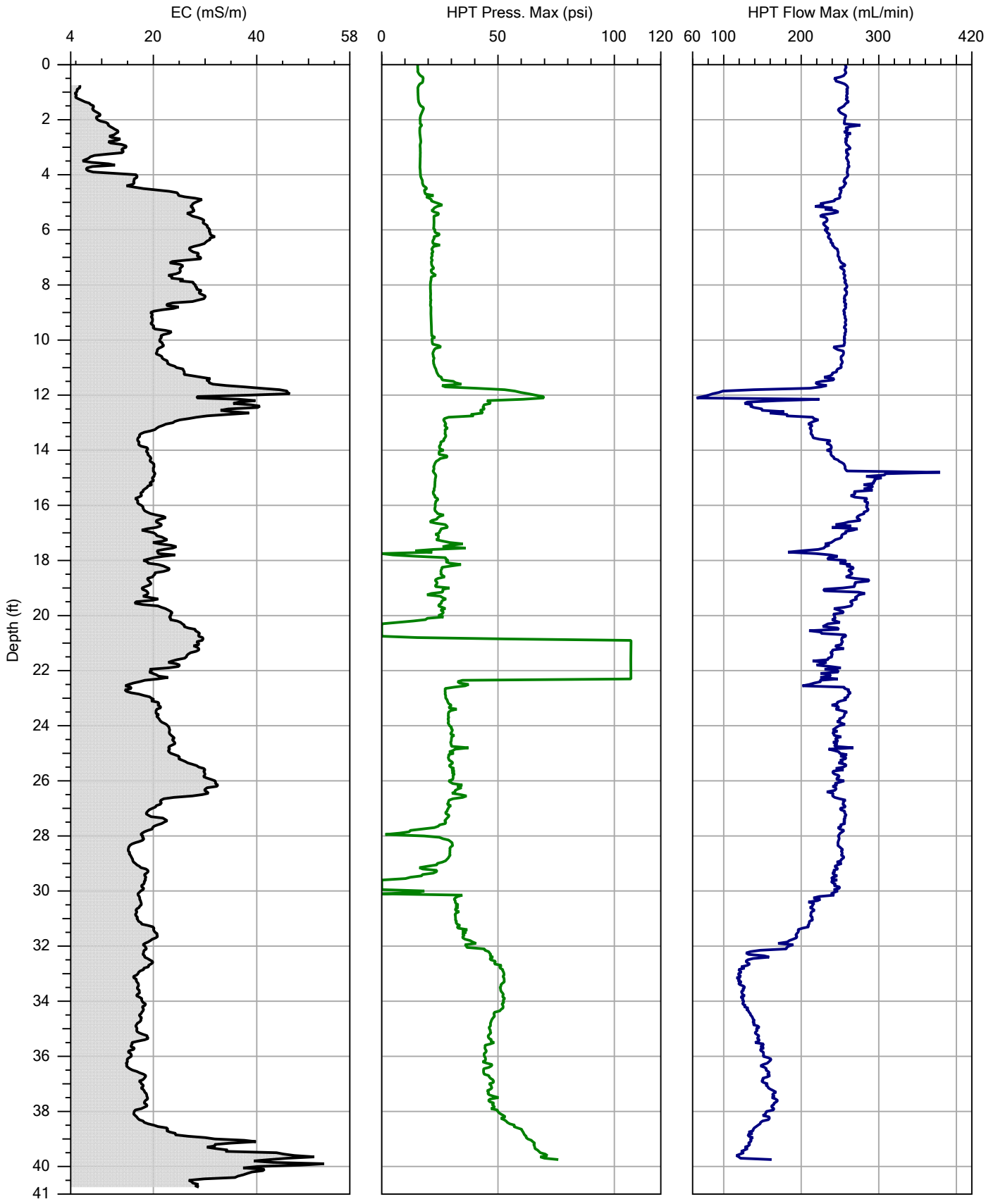
Table 1: Soil Adsorption Coefficients (Kd, L/kg) and Retardation Factors of PFAS at NAS Jacksonville, FL

				Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	**Soil Type**	**Depth (ft bgs)**	***foc***	**4:2 FTS**	**4:2 FTS**	**4:2 FTS**	**4:2 FTS**	**4:2 FTS**	**6:2 FTS**	**6:2 FTS**	**6:2 FTS**	**6:2 FTS**	**6:2 FTS**
Loc 01	SP	10	0.014	<LOQ	ND				<LOQ	39			
Loc 02	SP	10	0.012	<LOQ	29				1.3	2000	0.65	55.56	4.03
Loc 03	SP	10	0.010	<LOQ	38				13.0	790	16.46	1597.64	77.79
Loc 03	SP	50	0.018	<LOQ	140				0.4	3300	0.13	7.47	1.62
Loc 08	SP	10	0.014	<LOQ	2100				<LOQ	8900			
Loc 10	SP	10	0.019	<LOQ	13				2.0	4100	0.49	25.41	3.28
Loc 11	SP	10	0.020	<LOQ	ND				<LOQ	66			
Loc 12	SP	10	0.018	<LOQ	ND				1.4	750	1.87	103.13	9.71
Loc 13	SP	10	0.024	<LOQ	ND				<LOQ	340			
Loc 14	SP	50	0.018	<LOQ	ND				<LOQ	ND			
		Geomean (SP)									***1.05***		***6.95***
Loc 01	SM	35	0.021	0.4	1300	0.33	16.06	2.46	17.0	9100	1.87	90.69	9.22
Loc 02	SM	20	0.019	<LOQ	340				27.0	6300	4.29	222.63	19.86
Loc 02	SM	35	0.014	0.9	1600	0.56	41.36	3.48	26.0	8900	2.92	214.81	13.85
Loc 03	SM	20	0.019	2.2	970	2.27	117.82	10.98	28.0	1100000	0.03	1.32	1.11
Loc 03	SM	33	0.014	2.9	2100	1.38	101.54	7.08	68.0	1800000	0.04	2.78	1.17
Loc 09	SM	10	0.014	<LOQ	ND				4.4	5300	0.83	59.30	4.65
Loc 09	SM	20	0.019	<LOQ	170				9.3	7800	1.19	61.94	6.25
Loc 13	SM	20	0.019	<LOQ	ND				0.6	170	3.53	183.35	16.53
Loc 13	SM	35	0.018	<LOQ	ND				<LOQ	ND			
Loc 14	SM	10	0.022	<LOQ	ND				<LOQ	330			
Loc 15	SM	10	0.012	<LOQ	ND				0.7	<LOQ			
		Geomean (SM)				**0.87**		**5.07**			**0.73**		**5.95**
Loc 08	ML	33	0.045	2.1	140000	0.02	0.33	1.05	34.0	1600000	0.02	0.47	1.07
Loc 10	ML	20	0.025	<LOQ	70				17.0	7300	2.33	91.68	8.95
Loc 11	ML	20	0.025	<LOQ	18				1.9	1500	1.27	49.87	5.32
Loc 15	ML	20	0.025	<LOQ	110				4.2	<LOQ			
Loc 15	ML	35	0.036	<LOQ	1500				25.0	7800	3.21	88.54	11.94
		Geomean (ML)				**0.02**		**1.05**			**0.67**		**4.97**
Loc 01	CL	20	0.047	<LOQ	13				0.3	1100	0.27	5.80	1.67
Loc 09	CL	35	0.020	<LOQ	16				1.3	99	13.13	653.30	33.23
Loc 10	CL	35	0.031	1.9	3100	0.61	19.96	2.50	36.0	43000	0.84	27.27	3.05
Loc 11	CL	35	0.020	1.8	2000	0.90	45.69	3.21	48.0	27000	1.78	90.24	5.36
Loc 12	CL	35	0.062	0.8	120	7.00	112.54	18.18	18.0	110	163.64	2630.81	402.65
Loc 14	CL	35	0.094	<LOQ	ND				<LOQ	340			
		Geomean (CL)				**1.57**		**5.27**			**3.87**		**12.96**

Table 1: Soil Adsorption Coefficients (Kd, L/kg) and Retardation Factors of PFAS at NAS Jacksonville, FL

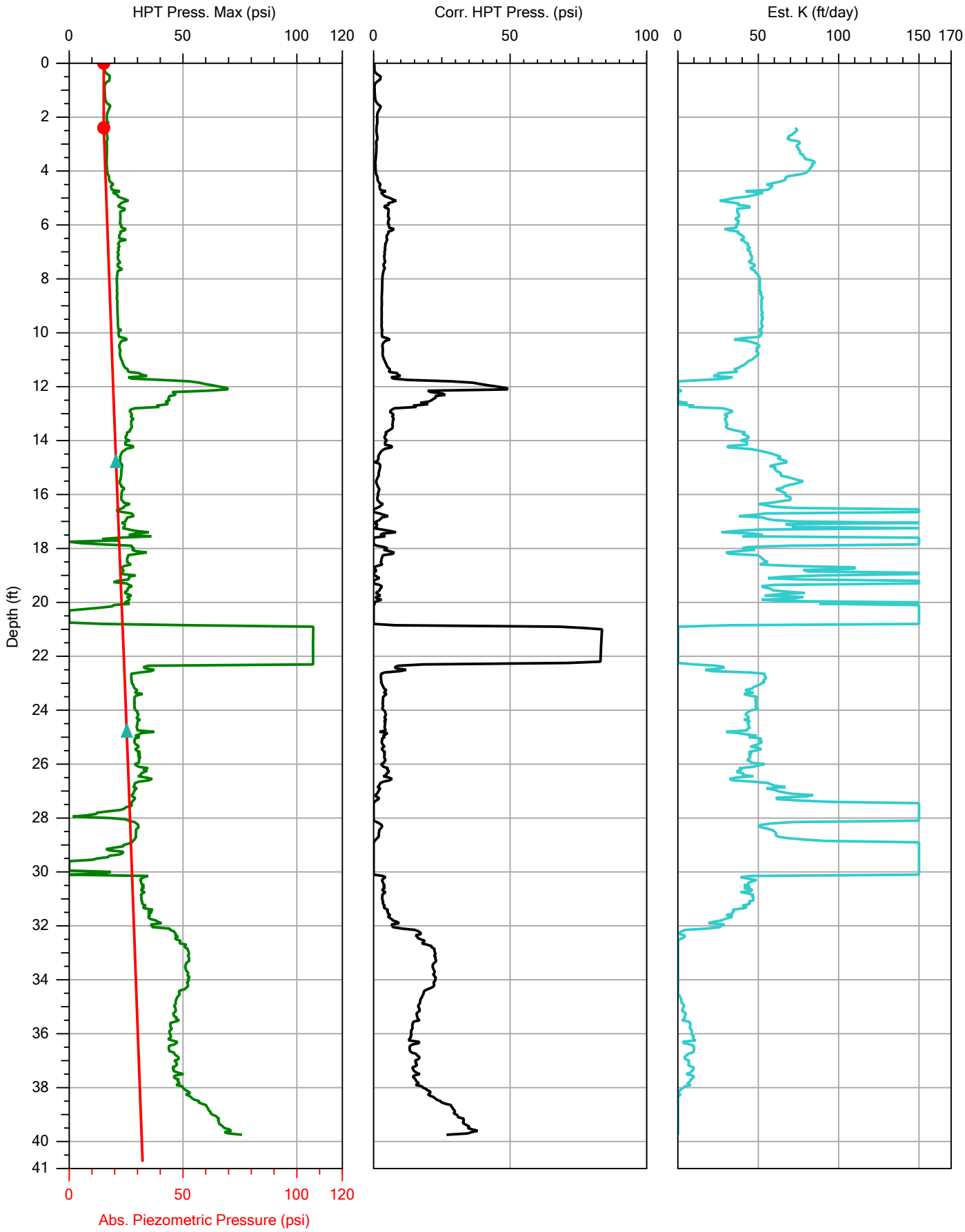
				Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	**Soil Type**	**Depth (ft bgs)**	***foc***	**8:2 FTS**	**8:2 FTS**	**8:2 FTS**	**8:2 FTS**	**8:2 FTS**	**FOSA**	**FOSA**	**FOSA**	**FOSA**	**FOSA**
Loc 01	SP	10	0.014	<LOQ	38				<LOQ	ND			
Loc 02	SP	10	0.012	8.0	14000	0.57	48.84	3.67	1.1	530	2.08	177.39	10.69
Loc 03	SP	10	0.010	200.0	1200000	0.17	16.18	1.78	46.0	280000	0.16	15.95	1.77
Loc 03	SP	50	0.018	0.3	2500	0.10	5.60	1.47	<LOQ	ND			
Loc 08	SP	10	0.014	<LOQ	350				<LOQ	1300			
Loc 10	SP	10	0.019	0.1	150	0.87	45.14	5.04	0.1	ND			
Loc 11	SP	10	0.020	0.3	30	9.67	480.93	46.11	1.4	ND			
Loc 12	SP	10	0.018	0.1	230	0.57	31.23	3.64	<LOQ	72			
Loc 13	SP	10	0.024	<LOQ	ND				<LOQ	ND			
Loc 14	SP	50	0.018	<LOQ	ND				<LOQ	ND			
		Geomean (SP)				***0.60***		***4.48***			***0.58***		***4.34***
Loc 01	SM	35	0.021	0.2	1200	0.20	9.71	1.88	<LOQ	150			
Loc 02	SM	20	0.019	4.5	13000	0.35	17.98	2.52	0.5	1500	0.33	17.32	2.47
Loc 02	SM	35	0.014	2.6	12000	0.22	15.93	1.95	<LOQ	380			
Loc 03	SM	20	0.019	7.4	320000	0.02	1.20	1.10	1.0	160	6.13	318.18	27.95
Loc 03	SM	33	0.014	2.3	350	6.57	483.19	29.91	0.2	1300	0.16	11.88	1.71
Loc 09	SM	10	0.014	<LOQ	22				<LOQ	ND			
Loc 09	SM	20	0.019	1.0	4100	0.24	12.54	2.06	0.1	180	0.56	28.86	3.44
Loc 13	SM	20	0.019	<LOQ	ND				<LOQ	24			
Loc 13	SM	35	0.018	<LOQ	ND				<LOQ	ND			
Loc 14	SM	10	0.022	<LOQ	19				<LOQ	ND			
Loc 15	SM	10	0.012	<LOQ	260				<LOQ	ND			
		Geomean (SM)				**0.29**		**2.93**			**0.65**		**4.49**
Loc 08	ML	33	0.045	<LOQ	340				0.2	3400	0.05	1.04	1.16
Loc 10	ML	20	0.025	0.4	570	0.65	25.56	3.21	<LOQ	180			
Loc 11	ML	20	0.025	0.3	1000	0.29	11.42	1.99	<LOQ	110			
Loc 15	ML	20	0.025	0.7	890	0.83	32.73	3.84	0.1	240	0.42	16.40	2.42
Loc 15	ML	35	0.036	<LOQ	ND				0.2	ND			
		Geomean (ML)				**0.54**		**2.91**			**0.14**		**1.68**
Loc 01	CL	20	0.047	<LOQ	49				<LOQ	ND			
Loc 09	CL	35	0.020	<LOQ	ND				<LOQ	ND			
Loc 10	CL	35	0.031	0.1	3400	0.02	0.65	1.05	0.1	1600	0.05	1.65	1.12
Loc 11	CL	35	0.020	<LOQ	660				<LOQ	2400			
Loc 12	CL	35	0.062	<LOQ	ND				<LOQ	ND			
Loc 14	CL	35	0.094	<LOQ	ND				<LOQ	ND			
		Geomean (CL)				**0.02**		**1.05**			**0.05**		**1.12**

C.2 HPT and Boring Logs



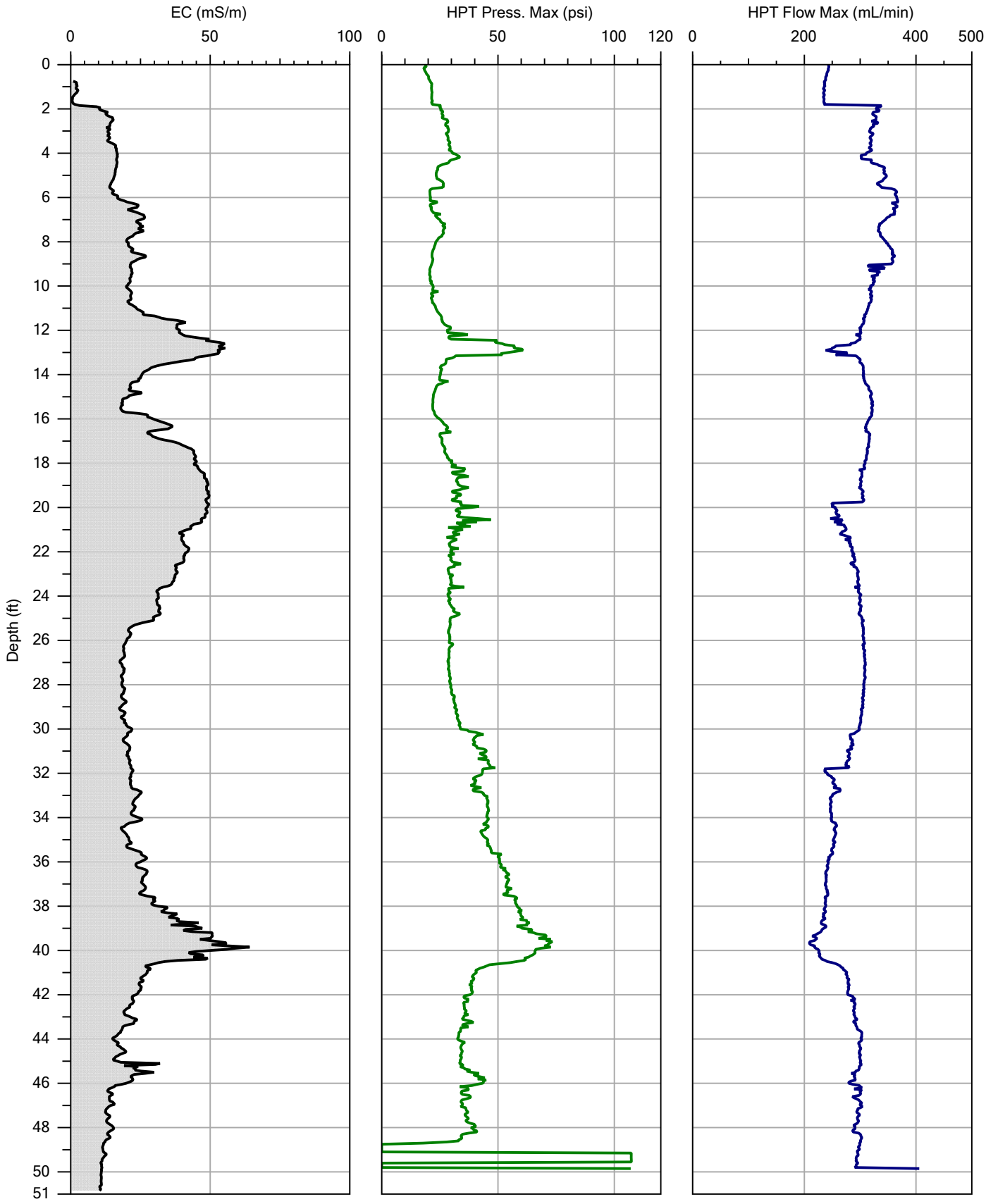
CASCADE
DRILLING | TECHNICAL SERVICES

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Company: CASCADE	Operator: BT	Date: 08/22/17
Project ID: 204171083	Client: GSI	Location:



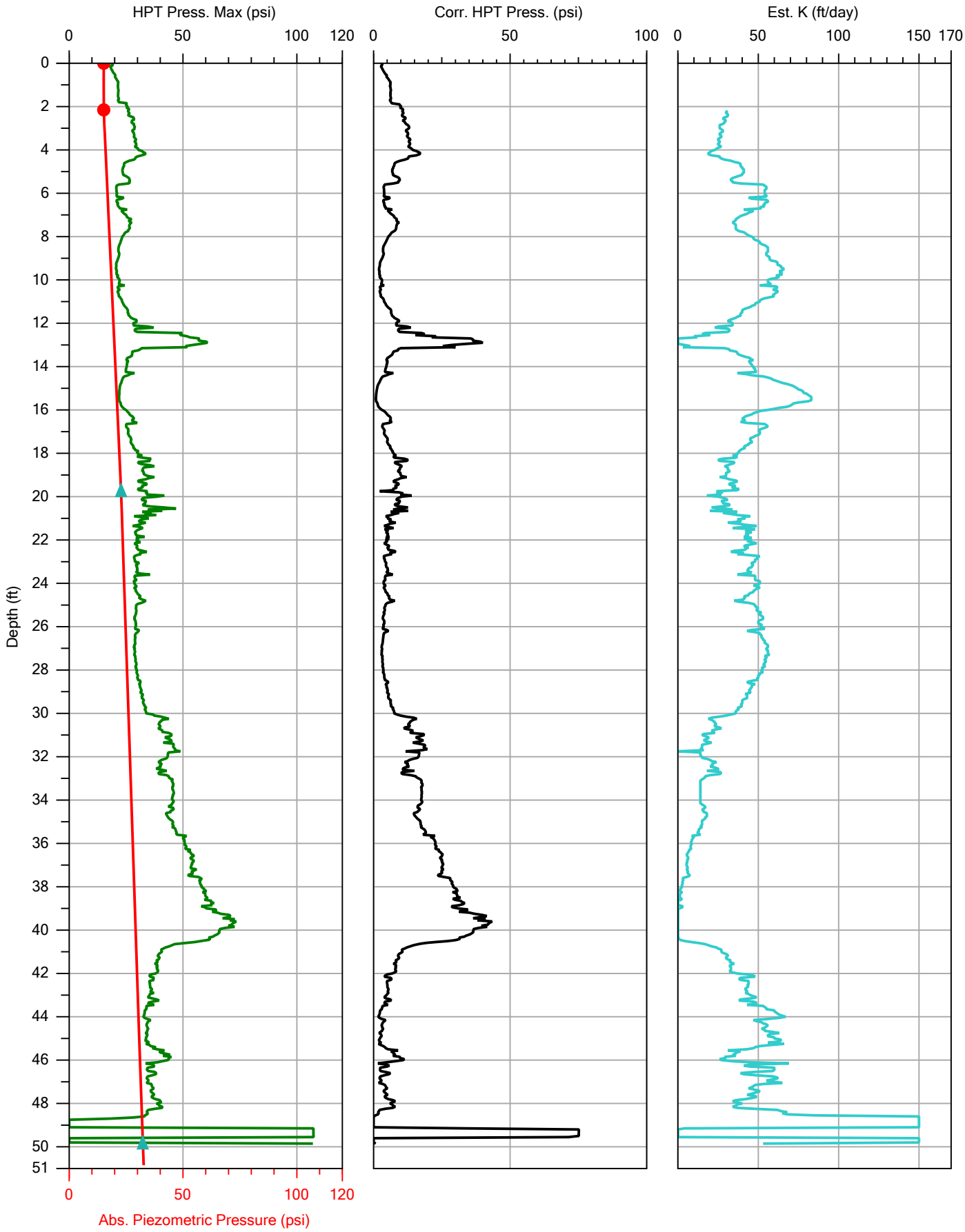
CASCADE
DRILLING | TECHNICAL SERVICES

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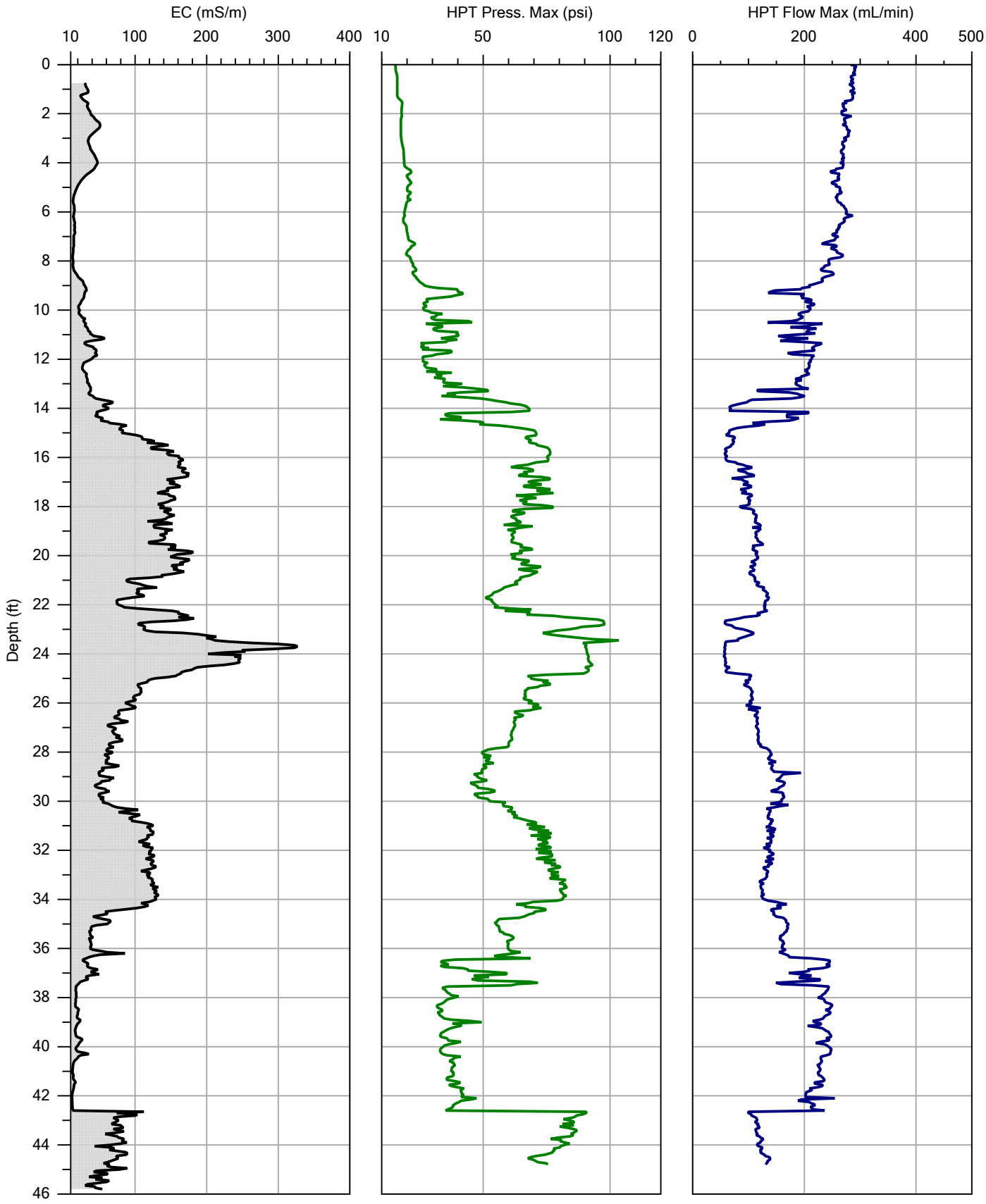
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DRILLING | TECHNICAL SERVICES

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Company: CASCADE	Operator: BT	Date: 08/22/17
Project ID: 204171083	Client: GSI	Location:



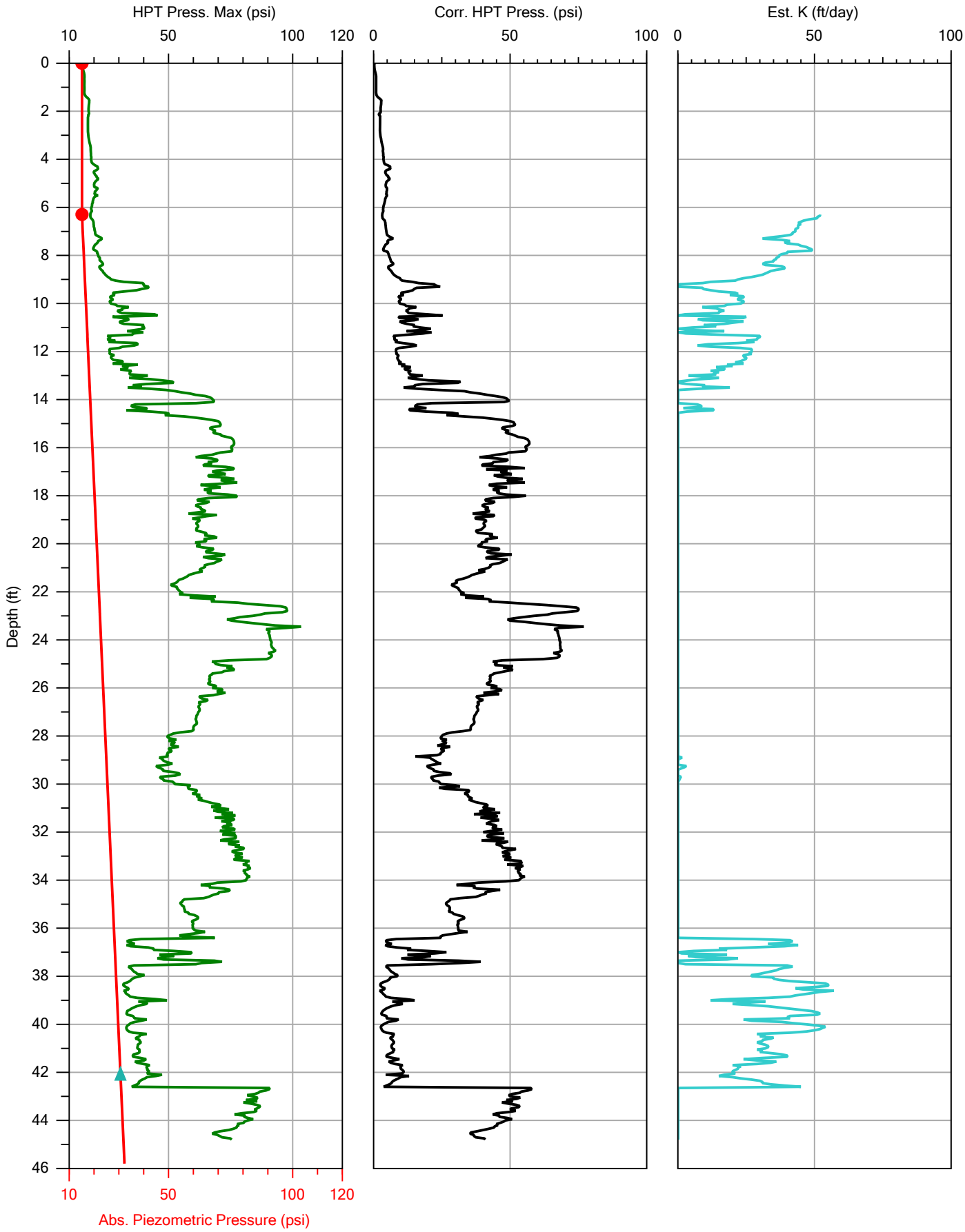
CASCADE
DRILLING | TECHNICAL SERVICES

		File: HPT-3.MHP
Company: CASCADE	Operator: BT	Date: 08/22/17
Project ID: 204171083	Client: GSI	Location:



CASCADE
DRILLING | TECHNICAL SERVICES

		File: HPT-14.MHP
Company: CASCADE	Operator: BT	Date: 08/22/17
Project ID: 204171083	Client: GSI	Location:



CASCADE
DRILLING | TECHNICAL SERVICES

		File: HPT-14.MHP
Company: CASCADE	Operator: BT	Date: 08/22/17
Project ID: 204171083	Client: GSI	Location:

C.3 Groundwater Field Parameters

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown)
GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP Date: 7-26-18 GSI Job No. 4500-000 Page: 1 of 1

Project: PFAS Well Number: Loc-26-50' Well Depth: 50' Screen Interval: 47.5-50'

Personnel: JAL/BAS Starting SWL: 10.1 btoc Well Diam: 2" Volume Purged: ~3 gal

Sample meth: Low-flow Tubing Type: Poly-HDPE Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
1730	10.80	0.300	Cloudy/yellow No odor	24.55	5.80	0.166	132	1.50	55.6	
1733	10.90	0.300	" " " "	24.59	5.73	0.165	130	0.70	57.9	
1736	10.91	0.300	" " " "	24.60	5.71	0.165	129	0.59	60.7	
1739	10.91	0.300	" " " "	24.53	5.69	0.165	132	0.55	62.4	
		Sample @ 1740 - for SGS and OSU								
* Stopped purging early ~~due~~ due to time constraints - i.e. had to get to FedEx to ship coolers.										

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown)
GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP Date: 7-26-18 GSI Job No. 4500-000 Page: 1 of 1

Project: PFAS Well Number: Loc-26-35' Well Depth: 35' Screen Interval: 32.5-35

Personnel: JAL/BAS Starting SWL: 3.72 btoc Well Diam: 2" Volume Purged:

Sample meth: Low-flow Tubing Type: Poly-HDPE Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
1655	4.85	0.300	Cloudy/yellow / no odor	24.83	5.63	0.185	156	2.43	40.2	
1658	5.85	0.300	" "	24.72	5.48	0.184	153	1.02	31.2	
1701	6.76	0.300	" "	24.61	5.39	0.183	157	0.66	40.8	
1704	8.30	0.300	" "	24.56	5.36	0.183	119	0.60	42.3	
1707	8.91	0.300	" "	24.48	5.33	0.182	120	0.52	42.4	
1710	9.58	0.300	" "	24.52	5.30	0.180	86.5	0.44	38.7	
1713	10.3	0.300	" "	24.45	5.28	0.179	84.3	0.54	40.4	
1716	10.8	0.300	" "	24.43	5.27	0.177	88.4	0.52	45.6	
		Sample @ 1720 - SGS & OSU only								

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown)
GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP | Date: 7-26-18 | GSI Job No. 4500-000 | Page: 1 of 1

Project: PFAS | Well Number: Loc-26-10' | Well Depth: 10' | Screen Interval: 7.5-10'

Personnel: JAL/BAS | Starting SWL: 1.1 btoc | Well Diam: 2" | Volume Purged:

Sample meth: Low-flow | Tubing Type: Poly-HDPE | Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
1605	1.62	0.350	Cloudy/Yellow / No odor	26.46	5.76	0.281	199	1.74	9.5	
1608	1.68	0.300	" / "	26.40	5.67	0.263	99.7	0.97	3.6	
1611	1.68	0.300	" / "	26.45	5.63	0.255	66.8	0.88	-13.6	
1614	1.70	0.300	" / "	26.39	5.62	0.252	52.8	0.87	-20.6	
1617	1.71	0.300	" / "	26.42	5.61	0.248	39.4	0.84	-24.3	
1620	1.72	0.300	Yellow tint / "	26.37	5.60	0.248	39.0	0.86	-28.5	
1623	1.72	0.300	" / "	26.39	5.59	0.249	40.9	0.84	-31.8	
1626	1.72	0.300	" / "	26.43	5.60	0.250	42.2	0.82	-34.9	
	Sample @ 1630 - SGS and OSU only.									
	↳ Dup-33 also Collected for OSU and SGS									

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown) GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP
Project: PFAS
Personnel: JAL/BAS
Sample meth: Low-flow

Date: 7-26-18 GSI Job No. 4500-000 Page: 1 of 1
Well Number: Loc-26-5' Well Depth: 5' Screen Interval: 2.5-5'
Starting SWL: 1.11 btoc Well Diam: 2" Volume Purged:
Tubing Type: Poly-HDPE Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
1535	2.2	0.500	yellow tint / No odor	27.27	6.07	0.581	19.7	2.66	84.3	
1538	2.8	0.300	" " / " "	27.38	6.02	0.588	16.5	1.87	76.4	
1541	2.95	0.300	" " / " "	27.39	5.97	0.564	11.7	1.57	74.7	
1544	2.96	0.250	Clear / " "	27.40	5.94	0.540	8.64	1.42	75.3	
1547	2.97	0.250	" " / " "	27.37	5.91	0.520	6.47	1.35	76.2	
		Sampled @ 1550 - SGS & OSU only.								

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown)
GROUNDWATER SAMPLING RECORD

Client: Navy
Project: PFAS-Navy NAS-JAX
Personnel: JAL
Sample meth: Low-flow

Date: 7-23-18 GSI Job No. 4500-000 Page: 1 of 1
Well Number: PMW-6D Well Depth: 35' Screen Interval: 30-35
Starting SWL: ~~2.12~~ 1.64 Well Diam: 2" Volume Purged: ~4.5L
Tubing Type: Pdr-HDPE Other: Started sampling after rain storm

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
1705	1.63	.200	Clear / Petroleum Odor	25.40	5.59	0.453	0.81	4.80	6.3	
1708	2.96	.200	" / "	24.99	5.58	0.448	1.31	4.40	5.1	
1711	3.80	.200	" / "	24.83	5.57	0.444	0.79	3.94	-2.1	
1714	4.63	.200	" / "	24.78	5.56	0.444	0.78	3.67	-12.2	
1717	5.74	.200	" / "	24.64	5.56	0.443	0.71	3.60	-8.5	
1720	6.32	.200	" / "	24.71	5.56	0.443	0.86	3.41	6.3	
1723	6.54	.200	" / "	24.80	5.56	0.444	0.56	3.21	7.0	
1726	6.85	.200	" / "	24.90	5.57	0.445	0.59	3.13	6.9	
	Sampled @ 1730									

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown)
GROUNDWATER SAMPLING RECORD

Client: Navy
Project: Navy-PFAS NAS-JAX
Personnel: JAL
Sample meth: Low-Flow

Date: 7-23-18 GSI Job No. 4500-000 Page: 1 of
Well Number: FF-PMW-13 Well Depth: 16.4' Screen Interval: 6.4-16.4
Starting SWL: 3.56' btoc Well Diam: 2" Volume Purged: ~4 L
Tubing Type: Poly-HDPE Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
1455	3.67	200	clear / No odor	27.13	6.56	0.507	6.22	4.85	-64.4	
1458	3.70	250	Clear / No odor	27.19	6.51	0.505	2.21	4.39	-63.7	
1501	3.70	.150	" / "	27.17	6.47	0.505	1.93	4.28	-43.0	
1504	3.75	.150	" / "	27.01	6.42	0.504	1.88	4.16	-27.0	
1507	3.76	.200	" / "	26.96	6.38	0.504	0.74	4.10	-19.9	
1510	3.78	.200	" / "	27.03	6.38	0.503	0.88	3.90	-11.0	
1513	3.79	.200	" / "	27.05	6.39	0.503	0.76	3.74	-10.4	
1516	3.79	.200	" / "	26.98	6.39	0.503	0.99	3.70	-11.2	
	Sampled @ 1520									

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown) GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP Date: 7-25-18 GSI Job No. 4500-000 Page: 1 of 1

Project: PFAS Well Number: Loc-24-50' Well Depth: 50' Screen Interval: 47.5-50'

Personnel: JAL Starting SWL: 9.2 btoc Well Diam: 2" Volume Purged: ~10 L

Sample meth: Low-flow Tubing Type: HDPE-Poly Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
1754	10.2	.400	Gray tint / no odor	24.33	5.92	0.141	202	7.04	51.2	
1757	10.17	.300	" " / " "	24.10	5.68	0.130	346	2.89	53.1	
1800	10.18	.300	" " / " "	24.12	5.65	0.132	227	2.14	41.0	
1803	10.18	.300	" " / " "	24.13	5.60	0.126	133	1.76	28.5	
1806	10.18	.300	" " / " "	24.12	5.56	0.121	86.4	1.60	23.5	
1809	10.18	.300	Slight gray tint / " "	24.14	5.52	0.118	56.5	1.46	24.3	
1812	10.18	.300	" " / " "	24.23	5.47	0.116	40.2	1.28	21.6	
1815	10.18	.300	Clear / " "	24.47	5.45	0.115	25.6	1.12	19.5	
1818	10.18	.300	" " / " "	24.39	5.45	0.114	15.3	1.10	21.5	
1821	10.18	.300	" " / " "	24.29	5.44	0.114	9.1	1.03	24.5	
	Sample time @ ~~1823~~ 1825									
		↳ Navy sample collected in addition to SGS and OSU.								

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown) GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP Date: 7-25-18 GSI Job No. 4500-000 Page: 1 of 1

Project: PFAS Well Number: Loc-24-35f Well Depth: 35' Screen Interval: 32.5-35'

Personnel: JAL Starting SWL: 0.5 btoc / 0 bgs Well Diam: 2" Volume Purged: ~4 L

Sample meth: Low-flow Tubing Type: Poly-HDPE Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
1702	2.10	0.250	Clear / sweet odor	25.16	5.69	0.221	17.4	7.41	78.2	
1705	2.75	0.250	" / "	25.31	5.56	0.221	12.8	5.06	74.5	
1708	3.54	0.250	Clear / sweet/petroleum odor	25.18	5.53	0.219	12.3	2.83	72.3	
1711	4.95	0.250	" / "	25.07	5.51	0.218	12.6	1.89	71.3	
1714	6.0	0.250	" / "	25.00	5.51	0.217	12.0	1.62	73.2	
1717	7.02	0.250	" / "	24.97	5.50	0.217	12.8	1.53	74.4	
	Sampled @ 1720									
		↳ Navy sample also collected in addition to SGS & OSU.								

* Minor amounts of bubbles observed while sampling.

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown) GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP Date: 7-25-18 GSI Job No. 4500-000 Page: 1 of 1

Project: PFAS Well Number: Loc-24-10' Well Depth: 10' Screen Interval: 7.5-10

Personnel: JAL Starting SWL: 0.2 btoc / 0 bgs Well Diam: 2" Volume Purged: ~5L

Sample meth: Low Flow Tubing Type: Poly-HDPE Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
1528	1.25	0.400	yellow tint / no odor	27.23	6.38	0.443	39.6	6.10	-3.4	
1531	2.80	0.300	" " " "	26.92	6.24	0.442	39.3	2.68	-9.4	
1534	3.70	0.300	" " " "	26.74	6.17	0.448	44.4	1.76	-12.0	
1537	4.52	0.300	" " " "	26.76	6.19	0.446	50.9	1.42	-10.4	
1540	4.24	0.300	" " " "	26.54	6.18	0.440	55.8	1.23	-14.3	
1543	5.80	0.200	" " " "	26.	6.17	0.435	62.7	1.06	-15.7	
*	Sample at ~~1545~~ due to significant drawdown									
	↳ Collect Navy sample in addition to SGS and OSU.									

* Some bubbles observed when filling sample bottles.

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown) GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP Date: 7-25-18 GSI Job No. 4500-000 Page: 1 of

Project: PFAS - Navy Well Number: Loc-245 Well Depth: 5ft Screen Interval: 2.5-5ft

Personnel: JAL Starting SWL: 0.5' btoc / 0' bgs Well Diam: 2" Volume Purged: ~4L

Sample meth: Low-flow Tubing Type: Poly-HDPE Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
1140	0.9'	0.200	slightly turbid / no odor	27.71	7.01	0.643	22.6	5.10	-30.2	
1143	1.15'	0.200	clear / no odor	27.58	6.93	0.641	14.0	3.42	-34.0	
1146	1.22	0.200	" / "	27.49	6.88	0.641	9.64	1.99	-38.6	
1149	1.30	0.200	" / "	27.46	6.85	0.643	6.03	1.49	-55.7	
1152	1.32	0.200	" / "	27.45	6.83	0.643	3.73	1.27	-34.0	
1155	1.33	0.200	" / "	27.45	6.81	0.642	2.78	1.10	-36.0	
1158	1.35	0.200	" / "	27.42	6.81	0.641	2.64	1.06	-38.1	
		Sampled @ 1200								
		↳ Dup-1 collected for SGS + OSU								
		↳ Navy Sample Collected in addition to SGS and OSU								

* No foaming observed

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown) GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP Date: 7-26-18 GSI Job No. 4500-000 Page: 1 of

Project: PFAS Well Number: Loc-25-5ft Well Depth: 5ft Screen Interval: 2.5-5ft

Personnel: JAL/BAS Starting SWL: 1.03'btoc Well Diam: 2" Volume Purged:

Sample meth: Low-flow Tubing Type: Poly-HDPE Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
0912	1.32	0.225	Clear/Slight yellow tint / No odor	27.64	6.38	0.485	51.5	4.33	64.9	
0915	1.36	0.225	" " "	27.61	6.41	0.489	35.1	3.28	56.9	
0918	1.38	0.225	Clear " "	27.61	6.41	0.486	24.6	3.03	55.3	
0921	1.38	0.225	" " " "	27.57	6.44	0.485	21.9	2.90	54.7	
0924	1.40	0.225	" " " "	27.57	6.44	0.483	10.6	2.76	53.8	
0927	1.40	0.225	" " " "	27.58	6.45	0.480	6.8	2.78	54.0	
	Sampled @ 0930 - SGS and OSU only									

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown) GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP
Project: PFAS
Personnel: BAS, JAL
Sample meth: Low-Flow

Date: 7/26/16 GSI Job No. 4500 Page: 1 of
Well Number: LOC25-OA Well Depth: 10 ft Screen Interval: 7.5-10 ft
Starting SWL: 0.88' btoc Well Diam: 2" Volume Purged:
Tubing Type: Poly-HDPE Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss. Oxygen (mg/L)	Redox (mV)	Remarks
1028	1.70	.250	Grayish yellow tint / no odor	28.51	6.53	0.348	12.9	1.28	-7.9	
1031	2.00	.250	Clear / no odor	27.85	6.52	0.340	11.8	1.19	-0.8	
1034	2.30	.250	" " / " "	27.75	6.52	0.339	12.5	1.06	4.9	
1037	2.66	.250	" " / " "	27.51	6.52	0.337	10.4	0.98	8.1	
1040	2.85	.250	" " / " "	27.29	6.52	0.338	9.73	0.93	7.5	
	Sample time @ ~~09~~ 1040									
		↳ SGS and OSU only.								

* No bubbles/foaming observed.

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown)
GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP
Project: PFAS
Personnel: JAL/BAS
Sample meth: Low-flow

Date: 7-26-18 GSI Job No. 4500-000 Page: 1 of
Well Number: Loc-25-35' Well Depth: 35' Screen Interval: 32.5-35'
Starting SWL: 1.01 btoc Well Diam: 2" Volume Purged:
Tubing Type: Poly-HDPE Other:

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss.Oxygen (mg/L)	Redox (mV)	Remarks
1120	2.4	.400	Clear / no odor	25.32	5.28	0.416	9.73	3.77	73.8	some/minor foaming
1123	3.4	.250	" / "	25.31	5.17	0.414	2.92	2.28	72.0	no foaming
1126	4.85	.250	" / "	25.22	5.13	0.412	2.72	1.75	67.6	" "
1129	5.93	.250	" / "	25.21	5.11	0.410	2.38	1.59	65.7	" "
1132	6.79	.250	" / "	25.12	5.10	0.408	2.25	1.59	64.5	" "
	Sample @ 1135 - SGS and OSU only									
	↳ Dup-2 also Collected for SGS & OSU									

GSI ENVIRONMENTAL

Low-Flow (Minimal Drawdown)
GROUNDWATER SAMPLING RECORD

Client: Navy/ESTCP Date: 7-26-18 GSI Job No. 4500-000 Page: 1 of 1

Project: PFAS Well Number: Loc-25-50' Well Depth: 50' Screen Interval: 47.5-50'

Personnel: JAL/BAS Starting SWL: 10.12 Well Diam: 2" Volume Purged: _____

Sample meth: Low-flow Tubing Type: Poly-HDPE Other: _____

SAMPLE INFORMATION

Time	SWL	Pumping Rate	Sample Appearance/Odor	Temp. (°F/C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss. Oxygen (mg/L)	Redox (mV)	Remarks
1210	10.72	.350	yellowish tint / no odor	24.60	6.37	0.218	60.9	5.45	20.2	
1213	10.85	.300	" " / " "	24.46	6.29	0.215	57.6	2.75	14.2	
1216	10.87	.300	" " / " "	24.32	6.26	0.214	58.6	1.94	6.9	
1219	10.87	.300	" " / " "	24.26	6.23	0.213	61.9	1.53	2.9	
1222	10.88	.300	" " / " "	24.26	6.18	0.201	43.6	1.24	2.6	
1225	10.88	.300	" " / " "	24.22	6.10	0.178	28.0	1.10	6.0	
1228	10.86	.300	Clear / " "	24.21	6.06	0.171	19.5	0.94	6.9	
1231	10.88	.300	" " / " "	24.20	6.01	0.162	15.9	0.90	8.6	
1234	10.88	.300	" " / " "	24.26	5.98	0.160	12.5	0.85	7.5	
1237	10.88	.300	" " / " "	24.22	5.94	0.158	9.7	0.80	6.4	
	Sampled @ 1240 - SGS & OSU only									

GSI ENVIRONMENTAL

STATIC WATER LEVEL MEASUREMENTS

Client: Navy/ESTCP
Project: PFAS
Location: NAS-JAX FTA

GSI Job No. 4500
Date: 7-27-18
Page: 1 of 1
Personnel: JAL/BAS

SWL INFORMATION

Well Number	Time	Depth to Water (ft) btoc	Total Depth (ft) btoc	Notes
PMW-14	0815	3.73'		
PMW-13	0817	3.91'		
PMW-6D	0819	0.93'		
PMW-5	0830	1.33'		
PMW-2	0833	0.77'		
PMW-4	0845	0.2'		
PMW-1	0847	0.64'		
PMW-7	0850	0.84'		
PMW-15D	0853	0.50'		
PMW-3	0856	0.0'		Well Completely Submerged
Loc-24-5	0933	0.0'	4.85'	Northwest Corner of well pad.
Loc-24-10	0936	1.0'	9.90'	Southwest Corner of well pad.
Loc-24-35	0939	0.5'	34.86'	Southeast Corner of well pad.
Loc-24-50	0942	9.52	49.1'	Northeast Corner of well pad.
Loc-25-5	1010	0.9'	4.9'	Northwest Corner of well pad
Loc-25-10	1012	0.86'	9.9'	Southwest Corner of well pad
Loc-25-35	1015	1.0'	34.8'	Southeast Corner of well pad
Loc-25-50	1018	9.78'	50.0'	Northeast Corner of well pad
Loc-26-5	1208	0.5'	4.8'	Northwest Corner of well pad
Loc-26-10	1210	0.5'	9.71'	Southwest Corner of well pad
Loc-26-35	1213	1.08'	34.72'	Southeast Corner of well pad
Loc-26-50	1216	9.75'	49.9'	Northeast Corner of well pad

NAVFAC
Naval Facilities Engineering Command
EXWC Engineering & Expeditionary Warfare Center

Field Notes

Project: NESDI		**Weather:** Sunny / Isol. t-storms
Date: 7/23/18		**Temperature:** 74-87°F
Location: NAS JAX FFTA		**Precipitation:**
Summary of Field Activities: Well cluster installation		**Wind:** 5-10 mph
		Humidity: 73-94%
Field Personnel:		
Time In/Out:	**Name:**	**Company/Affiliation:**
6:30a - 3:30p 9a ↓	Joran Popovic Justin Long Brian Strusert Dan Mullin Brian Thomas	NAVFAC EXWC GSI GSI Cascade Cascade
Samples Collected:	Drill cuttings from well cluster #24 → 0-3 ft. BGS, 5'-30' BGS, 45'-55' BGS	

Field Notes:

- Initial date of discrete PFAS sampling @ well clusters 24, 25, 26, and 26 at which 4 depths will be sampled, alongside background clusters 16 + 17.
- Met with David Ferel at around 6:45-7a at Yorktown gate to get escorted to FFTA.
- Mentioned that field operations interrupted 7/30, and any sampling closer to the tree line should be rescheduled.
- GSI & Cascade arrived around 9 am after badging, and we covered safety concerns @ the site.
- Use of PFAS-free field items covered - all natural sunscreen and insect repellent used in field.
- #24 cluster was probed first & 0-3 ft was hand augured. Cuttings were collected for independent lab sampling. Remainder was collected in 5 gal bucket & prepared for shipping.
- Cascade followed hand augering with 0-55 ft drilling using geoprobe. Cascade had to use another method to get past 50 ft, as their rig was having trouble getting past the depth.
- Cuttings up to 45-55 ft. BGS were collected, and I left site to ship cuttings @ 3:30p.
- GSI & Cascade finished installing all 4 well clusters (5', 10', 85', & 50' depth) after intermittent Rainfall

Completed By: Joran Popovic

NAVFAC Naval Facilities Engineering Command EXWC Engineering & Expeditionary Warfare Center

Field Notes

Project: NESDI			**Weather:** Sunny
Date: 7/24/18			**Temperature:** 75-86°F
Location: NAS JAX FFTA			**Precipitation:**
Summary of Field Activities: Well cluster Installation			**Wind:** 5mph
			Humidity: 95%
Field Personnel:			
Time In/Out:	**Name:**	**Company/Affiliation:**	
6:50a - 2:30p 6:50a ↓	Jovan Peporic Justin Long Brian Stewart Dan Mullin Brian Thomas	NAVFAC EXWC GSI GSI Leascrest Cascade	
Samples Collected:	Drill cluster from well cluster #25 at 0-3, 5-35, and 40-50 ft BGS		

Field Notes:

- Second day of field effort. Began day with safety briefing
- Drilling rods were Steam cleaned off site before drilling well cluster #25
- Began developing wells at cluster #24 (at 5, 10, 35, 50 ft) around noon. Performed multiple purge & surge cycles until turbidity diminished.
- Collected roughly 1 gal of IDW from well development @ 35 ft depth from cluster #24. This was then packaged/prepared for delivery. → Noticed slight foaming on top of water surface during collection
- I left the site to ship soil + IDW, then I made stops at Lowe's and Walmart to gather additional field supplies / containers.

Completed By: Jovan Peporic

NAVFAC Naval Facilities Engineering Command EXWC Engineering & Expeditionary Warfare Center

Field Notes

Project: NESDI			**Weather:** Partly Cloudy
Date: 7/25/18			**Temperature:** 75-90°F
Location: NAS JAX FFTA			**Precipitation:**
Summary of Field Activities: Well cluster installation			**Wind:** 9 mph
			Humidity: 75%
Field Personnel:			
Time In/Out:	**Name:**	**Company/Affiliation:**	
7am - 7pm ↓	Jovan Peporic Justin Carey Brian Streadt Dan Mullin Brian Thomas	NAVFAC EXWC GSI GSI Cascade Cascade	
Samples Collected:	Drill cuttings from well cluster #26 → 0-3 ft, 5-35', 40-50' BGS; Groundwater from all 4 wells at cluster #24		

Field Notes:
- Arrived at gate at 6:45 and waited to be escorted for another 45 minutes
- Had safety meeting & the plan for the day was covered after arrival at site.
- Cascade began work by steam cleaning drilling rods off site.
- During this time, I caught roughly 20 tadpoles from former FFTA lined pit which had accumulated water. Those were stored on ice in their original "pond" water.
- Rain and thunderstorms occurred intermittently from 12:30 PM onwards.
- Well cluster 26 drilling was halted due to being too close to an electrical junction box.
- Vern from environmental contacted a contractor to test the wires, and it was determined that they were not live.
- As a safety precaution, drilling was moved 15 ft. away from junction box.
- Vern also attempted to assist us with determining if any utility lines were under locations for clusters 16 & 17. Said it would take up to two weeks, but he submitted an emergency order.
- Intermittent lightening throughout afternoon created some delays.

Completed By: Jovan Peporic

NAVFAC Naval Facilities Engineering Command
EXWC Engineering & Expeditionary Warfare Center

Field Notes

Project: NESDI		**Weather:** partly cloudy, Rain 1pm
Date: 7/26/16		**Temperature:** 75-86°F
Location: NAS JAX FFTA		**Precipitation:**
Summary of Field Activities: Well cluster Installation		**Wind:** 5mph
		Humidity: 89%
Field Personnel:		
Time In/Out:	**Name:**	**Company/Affiliation:**
7am - 5:30p	Jovan Popovic Justin Lacy Brian Stewart Dan Mullin Brian Thomas	NAVFAC EXWC GSI GSI Cascade Cascade
Samples Collected:	Groundwater from cluster #25; wastewater influent + Effluent; 10 gals of GW from old MW.	

Field Notes:
- ~~Field~~ Field Safety meeting + Plan for the day was covered
- Drillers finished installing wells @ cluster #26 + began developing those wells.
- GSI Sampled GW from wells @ cluster #25; Groundwater Sampling from cluster #26 followed after well development.
- Contractors from Fluor arrived to locate utilities for clusters ~~#~~ #16 + 17. However, they only located 1 out of the 5 lines that were buried at that location, so no drilling took place this day.
- Cascade began pouring concrete pads for well clusters #24 + 25
- I collected samples from wastewater influent + post-Chlorination wastewater effluent (Roughly 1.5 L each)
- I collected an additional ~10 gallons of Groundwater from a pre-existing monitoring well for another project.
- all of those samples were packaged + shipped to base.
- Left NAS JAX at ~5:30.

Completed By: Jovan Popovic

GSI ENVIRONMENTAL

SAMPLING SUMMARY AT NALF FENTRESS VA

ESTCP ER-201633: Characterization of the Nature and Extent of Per- and Poly-Fluoroalkyl Substances (PFAS) in Environmental Media

Location ID	Sample ID	Sample Date	Sample Type	Sample Method	Soil Sample Interval (ft BGS)	Groundwater Screen Interval (ft BGS)	Lab	Notes
B1	B1-0.5	9/18/2019	Soil	Hand auger	0.25-0.5	--	CSM, Pace	
B1	B1-6.25	9/18/2019	Soil	Soil core (Dual Tube)	5-6.25	--	CSM	
B1	B1-16.5	9/18/2019	Soil	Soil core (Macro Core)	15-16.5	--	CSM, Pace	
B1	B1-37.5	9/18/2019	Soil	Soil core (Macro Core)	37-37.5	--	CSM	
B1	B1-GW-5-7	9/23/2019	Groundwater	Grab sample using DPT	--	5-7	ND, OSU	
B1	B1-GW-14-16	9/23/2019	Groundwater	Grab sample using DPT	--	14-16	ND, OSU, Pace	
B1	B1-GW-20-22	9/23/2019	Groundwater	Grab sample using DPT	--	20-22	ND, OSU	
B1	B1-GW-25-27	9/23/2019	Groundwater	Grab sample using DPT	--	25-27	ND, OSU, Pace	Parent sample of DUP-1
B1	DUP-1	9/23/2019	Groundwater	Grab sample using DPT	--	25-27	ND, OSU, Pace	Duplicate of parent sample B1-GW-25-27
B2	B2-1.5	9/20/2019	Soil	Hand auger	1-1.5	--	CSM, Pace	
B2	B2-6	9/20/2019	Soil	Soil core (Dual Tube)	5-6	--	CSM	
B2	B2-16.5	9/20/2019	Soil	Soil core (Dual Tube)	14.5-16.5	--	CSM, Pace	
B2	B2-22	9/20/2019	Soil	Soil core (Dual Tube)	21-22	--	CSM	
B2	B2-27.5	9/20/2019	Soil	Soil core (Dual Tube)	26-27.5	--	Pace	
B2	B2-GW-5-7	9/20/2019	Groundwater	Grab sample using DPT	--	5-7	ND, OSU, Pace	Sample put on Hold for Pace (not analyzed)
B2	B2-GW-14-16	9/20/2019	Groundwater	Grab sample using DPT	--	14-16	ND, OSU, Pace	
B2	B2-GW-20-22	9/20/2019	Groundwater	Grab sample using DPT	--	20-22	ND, OSU	
B2	B2-GW-24-26	9/20/2019	Groundwater	Grab sample using DPT	--	24-26	ND, OSU, Pace	
L1	L1-1	10/1/2019	Soil	Hand auger	0.5-1	--	CSM	
L1	L1-3	10/1/2019	Soil	Hand auger	2.5-3	--	CSM	
L1	L1-6.5	10/1/2019	Soil	Soil core (Dual Tube)	5-6	--	CSM	
L1	L1-12.5	10/1/2019	Soil	Soil core (Dual Tube)	10-12.5	--	CSM, Pace	
L1	L1-16	10/1/2019	Soil	Soil core (Macro Core)	15-16	--	CSM	
L1	L1-20	10/1/2019	Soil	Soil core (Macro Core)	19-20	--	CSM	
L1	L1-24	10/1/2019	Soil	Soil core (Macro Core)	21.5-24	--	CSM, Pace	Parent sample of DUP-8
L1	DUP-8	10/1/2019	Soil	Soil core (Macro Core)	21.5-24	--	CSM, Pace	Duplicate of parent sample L1-24
L1A	L1A-29.5	10/2/2019	Soil	Soil core (Macro Core)	29-29.5	--	CSM	L1A was cored to 28-33 ft bgs interval at a location ~2ft west of L1, to compensate the poor recovery of the same core interval at L1 and supplement soil samples from this interval.
L1A	L1A-31	10/2/2019	Soil	Soil core (Macro Core)	30.5-31	--	CSM	L1A was cored to 28-33 ft bgs interval at a location ~2ft west of L1, to compensate the poor recovery of the same core interval at L1 and supplement soil samples from this interval.
L1	L1-38	10/1/2019	Soil	Soil core (Macro Core)	36-38	--	CSM, Pace	
L1	L1-41	10/1/2019	Soil	Soil core (Macro Core)	40-41	--	CSM	
L1	L1-44.5	10/1/2019	Soil	Soil core (Macro Core)	43-44.5	--	CSM, Pace	
L1	L1-GW-5-7	10/2/2019	Groundwater	Grab sample using DPT	--	5-7	ND, OSU	
L1	L1-GW-10-12	10/2/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace	
L1	L1-GW-17-19	10/2/2019	Groundwater	Grab sample using DPT	--	17-19	ND, OSU	
L1	L1-GW-23-25	10/2/2019	Groundwater	Grab sample using DPT	--	23-25	ND, OSU, Pace	
L1	L1-GW-40-42	10/2/2019	Groundwater	Grab sample using DPT	--	40-42	ND, OSU, Pace	Parent sample of DUP-9 and Trip-1
L1	DUP-9	10/2/2019	Groundwater	Grab sample using DPT	--	40-42	ND, OSU, Pace	Duplicate of parent sample L1-GW-40-42
L1	Trip-1	10/2/2019	Groundwater	Grab sample using DPT	--	40-42	OSU	Triplicate sample at L1-GW-40-42
L1	MD-1	10/2/2019	Groundwater	Grab sample using DPT	--	40-42	OSU	Method development sample for OSU
L2	L2-1	10/2/2019	Soil	Hand auger	0.5-1	--	CSM	
L2	L2-3	10/2/2019	Soil	Hand auger	2.5-3	--	CSM	Parent sample of DUP-10
L2	DUP-10	10/2/2019	Soil	Hand auger	2.5-3	--	CSM	Duplicate of parent sample L2-3
L2	L2-6	10/2/2019	Soil	Soil core (Macro Core)	5-6	--	CSM	
L2	L2-12	10/2/2019	Soil	Soil core (Macro Core)	10-12	--	CSM, Pace	
L2	L2-16	10/2/2019	Soil	Soil core (Macro Core)	15-16	--	CSM	
L2	L2-20	10/2/2019	Soil	Soil core (Macro Core)	19.5-20	--	CSM	
L2	L2-25	10/2/2019	Soil	Soil core (Macro Core)	22-25	--	CSM, Pace	Parent sample of DUP-11
L2	DUP-11	10/2/2019	Soil	Soil core (Macro Core)	22-25	--	CSM, Pace	Duplicate of parent sample L2-25
L2A	L2A-31	10/2/2019	Soil	Soil core (Macro Core)	30-31	--	CSM	L2A was cored to 30-35 ft bgs interval at a location ~2ft north of L2, to compensate the poor recovery of the same core interval at L2 and supplement soil samples from this interval.
L2A	L2A-35	10/2/2019	Soil	Soil core (Macro Core)	33-35	--	CSM, Pace	L2A was cored to 30-35 ft bgs interval at a location ~2ft north of L2, to compensate the poor recovery of the same core interval at L2 and supplement soil samples from this interval.
L2	L2-GW-5-7	10/3/2019	Groundwater	Grab sample using DPT	--	5-7	ND, OSU	
L2	L2-GW-10-12	10/3/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace	
L2	L2-GW-18-20	10/3/2019	Groundwater	Grab sample using DPT	--	18-20	ND, OSU	
L2	L2-GW-23-25	10/3/2019	Groundwater	Grab sample using DPT	--	23-25	ND, OSU, Pace	
L3	L3-1	9/24/2019	Soil	Hand auger	1-1.5	--	CSM, Pace	Sample put on Hold for Pace (not analyzed)
L3	L3-3	9/24/2019	Soil	Hand auger	2.5-3	--	CSM	
L3	L3-6	9/24/2019	Soil	Soil core (Dual Tube)	5-6	--	CSM	
L3	L3-12.5	9/24/2019	Soil	Soil core (Macro Core)	10.5-12.5	--	CSM, Pace	
L3	L3-17	9/24/2019	Soil	Soil core (Macro Core)	15.5-17	--	CSM	
L3	L3-20	9/24/2019	Soil	Soil core (Macro Core)	19-20	--	CSM	
L3	L3-26.5	9/24/2019	Soil	Soil core (Macro Core)	25-26.5	--	CSM	
L3	L3-29	9/24/2019	Soil	Soil core (Macro Core)	27.5-29	--	CSM, Pace	
L3	L3-31	9/24/2019	Soil	Soil core (Macro Core)	30-31	--	CSM	
L3	L3-33.5	9/24/2019	Soil	Soil core (Macro Core)	32.5-33	--	CSM	
L3	L3-35	9/24/2019	Soil	Soil core (Macro Core)	34-35	--	CSM	
L3	L3-GW-5-7	9/24/2019	Groundwater	Grab sample using DPT	--	5-7	ND, OSU	
L3	L3-GW-10-12	9/24/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace	
L3	L3-GW-20-22	9/24/2019	Groundwater	Grab sample using DPT	--	20-22	ND, OSU	
L3	L3-GW-28-30	9/24/2019	Groundwater	Grab sample using DPT	--	28-30	ND, OSU, Pace	
L4	L4-1	9/25/2019	Soil	Hand auger	0.5-1	--	CSM	
L4	L4-12	9/25/2019	Soil	Soil core (Macro Core)	10.5-12	--	CSM, Pace	
L4	L4-20	9/25/2019	Soil	Soil core (Macro Core)	18-20		CSM, Pace	Parent sample of DUP-2
L4	DUP-2	9/25/2019	Soil	Soil core (Macro Core)	18-20		CSM, Pace	Duplicate of parent sample L4-20
L4	L4-27	9/25/2019	Soil	Soil core (Macro Core)	25.5-27		CSM, Pace	
L4	L4-GW-5-7	9/25/2019	Groundwater	Grab sample using DPT	--	5-7	ND, OSU	
L4	L4-GW-12-14	9/25/2019	Groundwater	Grab sample using DPT	--	12-14	ND, OSU, Pace	
L4	L4-GW-20-22	9/25/2019	Groundwater	Grab sample using DPT	--	20-22	ND, OSU	
L4	L4-GW-25-27	9/25/2019	Groundwater	Grab sample using DPT	--	25-27	ND, OSU, Pace	Parent sample of DUP-3
L4	DUP-3	9/25/2019	Groundwater	Grab sample using DPT	--	25-27	ND, OSU, Pace	Duplicate of parent sample L4-GW-25-27
L5	L5-1.5	10/3/2019	Soil	Soil core (Dual Tube)	0.5-1.5	--	CSM	
L5	L5-12.5	10/3/2019	Soil	Soil core (Dual Tube)	10-12.5	--	CSM, Pace	
L5	L5-20	10/3/2019	Soil	Soil core (Dual Tube)	18.5-20	--	CSM	
L5	L5-25	10/3/2019	Soil	Soil core (Dual Tube)	21-25	--	CSM, Pace	Parent sample of DUP-12
L5	DUP-12	10/3/2019	Soil	Soil core (Dual Tube)	21-25	--	CSM	Duplicate of parent sample L5-25
L5	L5-30	10/3/2019	Soil	Soil core (Dual Tube)	28.5-30	--	CSM	
L5	L5-31.5	10/3/2019	Soil	Soil core (Dual Tube)	30.5-31.5	--	CSM	
L5	L5-35	10/3/2019	Soil	Soil core (Dual Tube)	32.5-35	--	CSM, Pace	
L5	L5-GW-5-7	10/3/2019	Groundwater	Grab sample using DPT	--	5-7	ND, OSU	
L5	L5-GW-10-12	10/3/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace	
L5	L5-GW-18-20	10/3/2019	Groundwater	Grab sample using DPT	--	18-20	ND, OSU	
L5	L5-GW-23-25	10/3/2019	Groundwater	Grab sample using DPT	--	23-25	ND, OSU, Pace	Parent sample of DUP-13
L5	DUP-13	10/3/2019	Groundwater	Grab sample using DPT	--	23-25	ND, OSU, Pace	Duplicate of parent sample L2-GW-23-25
L6	L6-1	10/1/2019	Soil	Hand auger	0.5-1	--	CSM	
L6	L6-3.5	10/1/2019	Soil	Hand auger	3-3.5	--	CSM	
L6	L6-6	10/1/2019	Soil	Soil core (Macro Core)	5-6	--	CSM	
L6	L6-13	10/1/2019	Soil	Soil core (Macro Core)	10-13	--	CSM, Pace	Parent sample of DUP-7
L6	DUP-7	10/1/2019	Soil	Soil core (Macro Core)	10-13	--	CSM, Pace	Duplicate of parent sample L6-13
L6	L6-18	10/1/2019	Soil	Soil core (Macro Core)	17-18	--	CSM	
L6	L6-20	10/1/2019	Soil	Soil core (Macro Core)	19-20	--	CSM	
L6	L6-26.5	10/1/2019	Soil	Soil core (Macro Core)	25-26.5	--	CSM, Pace	
L6	L6-27	10/1/2019	Soil	Soil core (Macro Core)	26.5-27	--	CSM	
L6	L6-GW-5-7	10/1/2019	Groundwater	Grab sample using DPT	--	5-7	ND, OSU	
L6	L6-GW-10-12	10/1/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace	
L6	L6-GW-18-20	10/1/2019	Groundwater	Grab sample using DPT	--	18-20	ND, OSU	
L6	L6-GW-24-26	10/1/2019	Groundwater	Grab sample using DPT	--	24-26	ND, OSU, Pace	

GSI ENVIRONMENTAL

SAMPLING SUMMARY AT NALF FENTRESS VA

ESTCP ER-201633: Characterization of the Nature and Extent of Per- and Poly-Fluoroalkyl Substances (PFAS) in Environmental Media

Location ID	Sample ID	Sample Date	Sample Type	Sample Method	Soil Sample Interval (ft BGS)	Groundwater Screen Interval (ft BGS)	Lab	Notes
L7	L7-1.5	9/30/2019	Soil	Hand auger	0.75-1.5	--	CSM	
L7	L7-4	9/30/2019	Soil	Hand auger	3-4	--	CSM, Pace	Parent sample of DUP-5
L7	DUP-5	9/30/2019	Soil	Hand auger	3--4	--	CSM, Pace	Duplicate of parent sample L7-4
L7	L7-11	9/30/2019	Soil	Soil core (Macro Core)	10-11	--	CSM	
L7	L7-14	9/30/2019	Soil	Soil core (Macro Core)	12.5-14	--	CSM, Pace	
L7	L7-16	9/30/2019	Soil	Soil core (Macro Core)	15-16	--	CSM	
L7	L7-20	9/30/2019	Soil	Soil core (Macro Core)	19-20	--	CSM	
L7	L7-25	9/30/2019	Soil	Soil core (Macro Core)	24-25	--	CSM	
L7	L7-28	9/30/2019	Soil	Soil core (Macro Core)	26-28	--	CSM, Pace	
L7	L7-30	9/30/2019	Soil	Soil core (Macro Core)	29-30	--	CSM	
L7	L7-GW-5-7	9/30/2019	Groundwater	Grab sample using DPT	--	5-7	ND, OSU	
L7	L7-GW-10-12	9/30/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace	Parent sample of DUP-6
L7	DUP-6	9/30/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace	Duplicate of parent sample L7-GW-10-12
L7	L7-GW-18-20	9/30/2019	Groundwater	Grab sample using DPT	--	18-20	ND, OSU	
L7	L7-GW-24-26	9/30/2019	Groundwater	Grab sample using DPT	--	24-26	ND, OSU, Pace	
L8	L8-1	9/25/2019	Soil	Hand auger	0.5-1	--	CSM	
L8	L8-3	9/25/2019	Soil	Hand auger	3-3.5	--	CSM	
L8	L8-6.5	9/25/2019	Soil	Soil core (Dual Tube)	5-6.5	--	CSM, Pace	
L8	L8-12	9/25/2019	Soil	Soil core (Dual Tube)	10-12	--	CSM, Pace	
L8	L8-16	9/25/2019	Soil	Soil core (Macro Core)	15-16	--	CSM	
L8	L8-20	9/25/2019	Soil	Soil core (Macro Core)	19-20	--	CSM	
L8	L8-25	9/25/2019	Soil	Soil core (Macro Core)	24-25	--	CSM	
L8	L8-29	9/25/2019	Soil	Soil core (Macro Core)	25-29	--	CSM, Pace	Parent sample of DUP-4
L8	DUP-4	9/25/2019	Soil	Soil core (Macro Core)	25-29	--	CSM, Pace	Duplicate of L8-29
L8	L8-36	9/25/2019	Soil	Soil core (Macro Core)	35-36	--	CSM	
L8	L8-39	9/25/2019	Soil	Soil core (Macro Core)	38-39	--	CSM	
L8	L8-GW-5-7	9/26/2019	Groundwater	Grab sample using DPT	--	5-7	ND, OSU	
L8	L8-GW-10-12	9/26/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace	
L8	L8-GW-20-22	9/26/2019	Groundwater	Grab sample using DPT	--	20-22	ND, OSU	
L8	L8-GW-28-30	9/26/2019	Groundwater	Grab sample using DPT	--	28-30	ND, OSU, Pace	
L9	L9-1.25	9/26/2019	Soil	Soil core (Dual Tube)	0.5-1.25	--	CSM	
L9	L9-12	9/26/2019	Soil	Soil core (Macro Core)	10-12	--	CSM, Pace	
L9	L9-20	9/26/2019	Soil	Soil core (Macro Core)	19-20	--	CSM	
L9	L9-24	9/26/2019	Soil	Soil core (Macro Core)	22-24	--	CSM, Pace	
L9	L9-31	9/26/2019	Soil	Soil core (Macro Core)	30-31	--	CSM	
L9	L9-GW-5-7	9/27/2019	Groundwater	Grab sample using DPT	--	5-7	ND, OSU	
L9	L9-GW-10-12	9/27/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace	
L9	L9-GW-20-22	9/27/2019	Groundwater	Grab sample using DPT	--	20-22	ND, OSU	
L9	L9-GW-23-26	9/27/2019	Groundwater	Grab sample using DPT	--	23-26	ND, OSU, Pace	
SS-1	SS-1	9/27/2019	Surface Soil	With trowel	0.25-0.5	--	CSM	
SS-2	SS-2	9/27/2019	Surface Soil	With trowel	0.25-0.5	--	CSM	
SS-3	SS-3	9/27/2019	Surface Soil	With trowel	0.25-0.5	--	CSM	
S1	S1-SW	9/27/2019	Surface Water	g Low-flow with peristaltic	--	0.5-1	ND, OSU	
S2	S2-SW	9/27/2019	Surface Water	g Low-flow with peristaltic	--	0.5-1	ND, OSU	
Pace Blanks	TBP-20190925	9/25/2019	Trip blank	Blank Water	--	--	Pace	Trip blank for Pace
Pace Blanks	TBP-20190930	9/30/2019	Trip blank	Blank Water	--	--	Pace	Trip blank for Pace
Pace Blanks	TBP-20191003	10/3/2019	Trip blank	Blank Water	--	--	Pace	Trip blank for Pace
OSU Blanks	RW-1	9/18/2019	Decon water	Blank Water	--	--	OSU	Source water from drillers support truck tank
OSU Blanks	FB-Day1	9/20/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	ER-1	9/20/2019	Equipment Rinsate	Rinsate	--	--	OSU	Equipment Blank Day 1; collected from DPT shoe
OSU Blanks	TUB-1	9/20/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for 1st 100' roll used in Day 1; collected from HDPE tubings
OSU Blanks	TUB-2	9/20/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for 2nd 100' roll used in Day 1; collected from HDPE tubings
OSU Blanks	FB-Day2	9/23/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	TB-Day2	9/23/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	TUB-3	9/23/2019	Trip blank	Blank Water	--	--	OSU	Tubing rinsate for the 100' roll used in Day 2; collected from HDPE tubings
OSU Blanks	ER-2	9/23/2019	Equipment Rinsate	Rinsate	--	--	OSU	Equipment Blank Day 2; collected from DPT shoe
OSU Blanks	FB-Day3	9/24/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	ER-3	9/24/2019	Equipment rinsate	Rinsate	--	--	OSU	Equipment Blank Day 3; collected from DPT shoe
OSU Blanks	TUB-4	9/24/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for the 100' roll used in Day 3; collected from HDPE tubings
OSU Blanks	TB-Day3	9/25/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	TB-Day4	9/25/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	ER-4	9/25/2019	Equipment rinsate	Rinsate	--	--	OSU	Equipment Blank Day 4; collected from DPT shoe
OSU Blanks	TUB-5	9/25/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for the 1st 100' roll used in Day 4; collected from HDPE tubings
OSU Blanks	TUB-6	9/25/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for the 2nd 100' roll used in Day 4; collected from HDPE tubings
OSU Blanks	FB-Day4	9/25/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	RW-2	9/25/2019	Decon water	Blank Water	--	--	OSU	Source water from site portable water distributor
OSU Blanks	TB-Day5	9/26/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	TUB-7	9/26/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for the 100' roll used in Day 5; collected from HDPE tubings
OSU Blanks	FB-Day5	9/26/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	ER-5	9/26/2019	Equipment Rinsate	Rinsate	--	--	OSU	Equiment Blank Day 5; collected from DPT shoe
OSU Blanks	TUB-8	9/27/2029	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for the 100' roll used in Day 6; collected from HDPE tubings
OSU Blanks	FB-Day6	9/27/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	ER-6	9/27/2019	Equipment Rinsate	Rinsate	--	--	OSU	Equipment Blank Day 6: collected from DPT shoe
OSU Blanks	TB-Day6	9/27/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	TB-Day7	9/30/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	FB-Day7	9/30/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	ER-7	9/30/2019	Equipment rinsate	Rinsate	--	--	OSU	Equipment Blank Day 7; collected from DPT shoe
OSU Blanks	TUB-9	9/30/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for the 100' roll used in Day 7; collected from HDPE tubings
OSU Blanks	FB-Day8	10/1/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	TB-Day8	10/1/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	TUB-10	10/1/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for the 100' roll used in Day 8; collected from HDPE tubings
OSU Blanks	ER-8	10/1/2019	Equipment Rinsate	Rinsate	--	--	OSU	Equipment Blank Day 8; collected from DPT shoe
OSU Blanks	FB-Day9	10/2/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	TB-Day9	10/2/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	TUB-11	10/2/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for the 1st 100' roll used in Day 9; collected from HDPE tubings
OSU Blanks	TUB-12	10/2/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for the 2nd 100' roll used in Day 9; collected from HDPE tubings
OSU Blanks	ER-9	10/2/2019	Equipment Rinsate	Rinsate	--	--	OSU	Equiment Blank Day 9; collected from DPT shoe
OSU Blanks	TUB-13	10/3/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for the 1st 100' roll used in Day 10; collected from HDPE tubings
OSU Blanks	FB-Day10	10/3/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	TB-Day10	10/3/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	ER-10	10/3/2019	Equipment Rinsate	Rinsate	--	--	OSU	Equipment Blank Day 10; collected from DPT shoe
OSU Blanks	TUB-14	10/3/2019	Tubing rinsate	Rinsate	--	--	OSU	Tubing rinsate for the 2nd 100' roll used in Day 10; collected from HDPE tubings
CSM Blanks	SSBlank-1	9/18/2019	Field blank	Sand	--	--	CSM	Field blank Day 1
CSM Blanks	SourceSand	9/18/2019	Clean sand	Sand	--	--	CSM	Source sand blank for project
CSM Blanks	SSBlank-2	9/20/2019	Field blank	Sand	--	--	CSM	Field Blank Day 2 (Soil sampling Day 2 is difference from GW sampling Day 2, i.e. 9/23/2019)
CSM Blanks	SSBlank-3	9/24/2019	Field blank	Sand	--	--	CSM	Field Blank Day 3
CSM Blanks	SSBlank-4	9/25/2019	Field blank	Sand	--	--	CSM	Field Blank Day 4

SAMPLING SUMMARY AT NALF FENTRESS VA

ESTCP ER-201633: Characterization of the Nature and Extent of Per- and Poly-Fluoroalkyl Substances (PFAS) in Environmental Media

Location ID	Sample ID	Sample Date	Sample Type	Sample Method	Soil Sample Interval (ft BGS)	Groundwater Screen Interval (ft BGS)	Lab	Notes
CSM Blanks	SSBlank-5	9/26/2019	Field blank	Sand	--	--	CSM	Field Blank Day 5
CSM Blanks	SSBlank-6	9/27/2019	Field blank	Sand	--	--	CSM	Field Blank Day 6 during surface soil sampling activities
CSM Blanks	SSBlank-7	9/30/2019	Field blank	Sand	--	--	CSM	Field Blank Day 7
CSM Blanks	SSBlank-8	10/1/2019	Field blank	Sand	--	--	CSM	Field Blank Day 8
CSM Blanks	SSBlank-9	10/2/2019	Field blank	Sand	--	--	CSM	Field Blank Day 9
CSM Blanks	SSBlank-10	10/3/2019	Field blank	Sand	--	--	CSM	Field Blank Day 10

Notes:
1. DPT = Direct Push Technology (drilling)
2. OSU = Oregon State University
3. CSM = Colorado School of Mines
4. ND = University of Notre Dame
5. "--" not applicable

GSI ENVIRONMENTAL

GROUNDWATER FIELD PARAMTERS AT NALF FENTRESS VA

ESTCP ER-201633: Characterization of the Nature and Extent of Per- and Poly-Fluoroalkyl Substances (PFAS) in Environmental Media

Location ID	Sample ID	Sample Date	Groundwater Screen Interval (ft BGS)	Temperature (deg C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss. Oxygen (mg/L)	Redox (mV)
B1	B1-GW-5-7	9/23/2019	5-7	26.8	7.03	0.22	29.6	0.99	-3.4
B1	B1-GW-14-16	9/23/2019	14-16	25.2	8.17	0.37	> 1000	0.33	-21.0
B1	B1-GW-20-22	9/23/2019	20-22	24.1	6.92	0.25	11.13	0.50	17.9
B1	B1-GW-25-27	9/23/2019	25-27	--	8.96	0.39	> 1000	2.30	17.6
B2	B2-GW-5-7	9/20/2019	5-7	20.6	6.71	0.53	> 1000	1.40	56.3
B2	B2-GW-14-16	9/20/2019	14-16	19.1	6.11	0.35	> 1000	2.38	39.5
B2	B2-GW-20-22	9/20/2019	20-22	19.0	7.00	0.38	> 1000	0.20	-52.0
B2	B2-GW-24-26	9/20/2019	24-26	22.0	5.87	0.38	> 1000	1.38	-67.0
L1	L1-GW-5-7	10/2/2019	5-7	24.3	6.26	0.26	> 1000	0.83	41.0
L1	L1-GW-10-12	10/2/2019	10-12	24.9	6.17	0.17	> 1000	1.31	7.8
L1	L1-GW-17-19	10/2/2019	17-19	23.2	6.41	0.27	> 1000	0.09	-89.9
L1	L1-GW-23-25	10/2/2019	23-25	26.5	6.32	0.35	> 1000	1.63	-60.8
L1	L1-GW-40-42	10/2/2019	40-42	25.8	6.30	0.24	> 1000	0.36	-64.1
L2	L2-GW-5-7	10/3/2019	5-7	23.5	5.85	0.21	> 1000	0.88	64.4
L2	L2-GW-10-12	10/3/2019	10-12	24.0	6.81	0.25	> 1000	0.06	-47.9
L2	L2-GW-18-20	10/3/2019	18-20	23.5	6.83	0.31	> 1000	0.19	-78.7
L2	L2-GW-23-25	10/3/2019	23-25	23.4	6.22	0.22	> 1000	0.30	-7.0
L3	L3-GW-5-7	9/24/2019	5-7	26.1	6.75	0.59	42.7	5.07	105.7
L3	L3-GW-10-12	9/24/2019	10-12	26.1	7.71	0.20	> 1000	1.56	-19.8
L3	L3-GW-20-22	9/24/2019	20-22	25.1	7.19	0.26	60.9	0.71	22.9
L3	L3-GW-28-30	9/24/2019	28-30	24.3	7.05	0.28	> 1000	1.51	-4.1
L4	L4-GW-5-7	9/25/2019	5-7	21.3	5.58	0.12	31.6	2.2	146.5
L4	L4-GW-12-14	9/25/2019	12-14	21.8	7.00	0.34	> 1000	0.47	42.3
L4	L4-GW-20-22	9/25/2019	20-22	21.4	6.85	0.27	86.5	1.16	42.9
L4	L4-GW-25-27	9/25/2019	25-27	21.9	6.71	0.30	> 1000	2.43	53.5
L5	L5-GW-5-7	10/3/2019	5-7	25.8	5.67	0.11	> 1000	1.86	66.1
L5	L5-GW-10-12	10/3/2019	10-12	26.3	6.38	0.20	> 1000	1.16	-12.1
L5	L5-GW-18-20	10/3/2019	18-20	26.4	6.35	0.24	> 1000	0.34	-8.5
L5	L5-GW-23-25	10/3/2019	23-25	25.7	6.46	0.28	> 1000	0.11	-41.9
L6	L6-GW-5-7	10/1/2019	5-7	22.5	7.87	0.28	> 1000	1.15	10.2
L6	L6-GW-10-12	10/1/2019	10-12	22.3	7.06	0.26	> 1000	0.15	-57.5
L6	L6-GW-18-20	10/1/2019	18-20	21.9	6.22	0.24	> 1000	0.49	-31.1
L6	L6-GW-24-26	10/1/2019	24-26	25.1	7.36	0.31	> 1000	0.35	163.6
L7	L7-GW-5-7	9/30/2019	5-7	24.5	4.58	0.09	> 1000	3.40	150.0
L7	L7-GW-10-12	9/30/2019	10-12	23.9	5.63	0.26	> 1000	0.38	-18.8
L7	L7-GW-18-20	9/30/2019	18-20	22.9	5.52	0.21	> 1000	0.46	4.3
L7	L7-GW-24-26	9/30/2019	24-26	21.8	5.59	0.35	> 1000	0.37	-37.1
L8	L8-GW-5-7	9/26/2019	5-7	22.1	5.63	0.18	32.2	3.68	163.5
L8	L8-GW-10-12	9/26/2019	10-12	23.3	5.98	0.17	> 1000	0.47	135.7
L8	L8-GW-20-22	9/26/2019	20-22	21.7	6.36	1.83	90.3	0.91	103.2
L8	L8-GW-28-30	9/26/2019	28-30	25.6	8.70	0.31	> 1000	0.59	-26.0
L9	L9-GW-5-7	9/27/2019	5-7	22.4	6.80	0.31	> 1000	12.50	-22.5
L9	L9-GW-10-12	9/27/2019	10-12	22.9	7.27	0.28	> 1000	9.10	-58.4
L9	L9-GW-20-22	9/27/2019	20-22	22.1	6.29	0.18	> 1000	1.38	28.2
L9	L9-GW-23-26	9/27/2019	23-26	23.2	7.63	0.27	49.5	0.32	-71.1

Notes:
1. "--" not available

GSI Job No. G-4500/5013
Issued: 9 April 2019
PRELIMINARY

GSI ENVIRONMENTAL

SAMPLING SUMMARY AT NBVC POINT MUGU, CA

ESTCP ER-201633: Characterization of the Nature and Extent of Per- and Poly-Fluoroalkyl Substances (PFAS) in Environmental Media

Location ID	Sample ID	Sample Date	Sample Type	Sample Method	Soil Sample Interval (ft BGS)	Groundwater Screen Interval (ft BGS)	Lab	Notes
B1	B1-1ft	3/12/2019	Soil	Hand auger	0-1	--	CSM	
B1	B1-10ft	3/12/2019	Soil	Soil core (Macro Core)	8-10	--	CSM, Pace	
B1	B1-13ft	3/12/2019	Soil	Soil core (Macro Core)	11-13	--	CSM, Pace	
B1	B1-27ft	3/12/2019	Soil	Soil core (Macro Core)	25-27	--	CSM, Pace	
B1	B1-GW-10-12	3/12/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace	
B1	B1-GW-15-17	3/12/2019	Groundwater	Grab sample using DPT	--	15-17	ND, OSU, Pace	
B1	B1-GW-25-27	3/12/2019	Groundwater	Grab sample using DPT	--	25-27	ND, OSU, Pace	
B1	B1-GW-38-40	3/13/2019	Groundwater	Grab sample using DPT	--	38-40	ND, OSU, Pace	
B2	B2-1ft	3/11/2019	Soil	Hand auger	0-1	--	CSM	
B2	B2-8ft	3/11/2019	Soil	Soil core (Macro Core)	6-8	--	CSM	
B2	B2-10ft	3/11/2019	Soil	Soil core (Macro Core)	8-10	--	CSM, Pace	
B2	B2-31.5ft	3/11/2019	Soil	Soil core (Macro Core)	29.5-31.5	--	CSM, Pace	
B2	B2-GW-10-12	3/13/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace	
B2	B2-GW-15-17	3/13/2019	Groundwater	Grab sample using DPT	--	15-17	ND, OSU, Pace	
B2	B2-GW-28-30	3/13/2019	Groundwater	Grab sample using DPT	--	28-30	ND, OSU, Pace	
B2	B2-GW-38-40	3/14/2019	Groundwater	Grab sample using DPT	--	38-40	ND, OSU, Pace	
L1	L1-1	3/21/2019	Soil	Hand auger	0-1	--	CSM	
L1	L1-6	3/21/2019	Soil	Soil core (Macro Core)	4-6	--	CSM, Pace	Parent sample of Field Duplicate Dup-4-S
L1	Dup-4-S	3/21/2019	Soil	Soil core (Macro Core)	4-6	--	CSM	Duplicate of parent sample L1-6
L1	L1-9	3/21/2019	Soil	Soil core (Macro Core)	7-9	--	CSM	
L1	L1-10.5	3/21/2019	Soil	Soil core (Macro Core)	9-10.5	--	CSM	
L1	L1-12	3/21/2019	Soil	Soil core (Macro Core)	10.5-12	--	CSM, Pace	
L1	L1-15	3/21/2019	Soil	Soil core (Macro Core)	13-15	--	CSM	
L1	L1-18	3/21/2019	Soil	Soil core (Macro Core)	16-18	--	CSM	
L1	L1-21	3/21/2019	Soil	Soil core (Macro Core)	19-21	--	CSM	
L1	L1-23	3/21/2019	Soil	Soil core (Macro Core)	21-23	--	CSM	
L1	L1-25	3/21/2019	Soil	Soil core (Macro Core)	23-25	--	CSM	
L1	L1-GW-10-12	3/26/2019	Groundwater	Grab sample using DPT	--	10-12	ND, OSU, Pace, Navy	
L1	L1-GW-17-19	3/26/2019	Groundwater	Grab sample using DPT	--	17-19	ND, OSU, Navy	
L1	L1-GW-24-26	3/26/2019	Groundwater	Grab sample using DPT	--	24-26	ND, OSU, Navy	
L1	L1-GW-44-46	3/26/2019	Groundwater	Grab sample using DPT	--	44-46	ND, OSU, Pace, Navy	
L2	L2-1	3/20/2019	Soil	Hand auger	0-1	--	CSM	
L2	L2-6	3/20/2019	Soil	Soil core (Macro Core)	4-6	--	CSM, Pace	
L2	L2-10	3/20/2019	Soil	Soil core (Macro Core)	8-10	--	CSM, Pace	
L2	L2-25	3/20/2019	Soil	Soil core (Macro Core)	23-35	--	CSM	
L2	L2-GW-9-11	3/21/2019	Groundwater	Grab sample using DPT	--	9-11	ND, OSU, Pace	Parent sample of Dup-GW-3, Triplicate-1, Triplicate-1-Dup
L2	Dup-GW-3	3/21/2019	Groundwater	Grab sample using DPT	--	9-11	ND	Field Duplicate of parent sample L2-GW-9-11
L2	Triplicate-1	3/21/2019	Groundwater	Grab sample using DPT	--	9-11	OSU	Triplicate 1 of parent sample L2-GW-9-11
L2	Triplicate-1-Dup	3/21/2019	Groundwater	Grab sample using DPT	--	9-11	OSU	Triplicate Duplicate of parent sample L2-GW-9-11
L2	L2-GW-18-20	3/21/2019	Groundwater	Grab sample using DPT	--	18-20	ND, OSU	
L2	L2-GW-24-26	3/21/2019	Groundwater	Grab sample using DPT	--	24-26	ND, OSU	
L2	L2-GW-38-40	3/21/2019	Groundwater	Grab sample using DPT	--	38-40	ND, OSU, Pace	
L3	L3-1	3/20/2019	Soil	Hand auger	0-1	--	CSM	
L3	L3-6	3/20/2019	Soil	Soil core (Macro Core)	4-6	--	CSM, Pace	
L3	L3-8.5	3/20/2019	Soil	Soil core (Macro Core)	6.5-8.5	--	CSM	
L3	L3-10.5	3/20/2019	Soil	Soil core (Macro Core)	8.5-10.5	--	CSM	
L3	L3-12	3/20/2019	Soil	Soil core (Macro Core)	10.5-12	--	CSM, Pace	Parent sample of Field Duplicate Dup-3-S
L3	Dup-3-S	3/20/2019	Soil	Soil core (Macro Core)	10.5-12	--	CSM, Pace	Duplicate of parent sample L3-12
L3	L3-14.5	3/20/2019	Soil	Soil core (Macro Core)	12.5-14.5	--	CSM	
L3	L3-17.5	3/20/2019	Soil	Soil core (Macro Core)	15.5-17.5	--	CSM	
L3	L3-20	3/20/2019	Soil	Soil core (Macro Core)	18-20	--	CSM	
L3	L3-22	3/20/2019	Soil	Soil core (Macro Core)	20-22	--	CSM	
L3	L3-25	3/20/2019	Soil	Soil core (Macro Core)	23-25	--	CSM	
L3	L3-GW-13-15	3/20/2019	Groundwater	Grab sample using DPT	--	13-15	ND, OSU, Pace	
L3	L3-GW-20-22	3/20/2019	Groundwater	Grab sample using DPT	--	20-22	ND, OSU	
L3	L3-GW-30-32	3/20/2019	Groundwater	Grab sample using DPT	--	30-32	ND, OSU	
L3	L3-GW-38-40	3/20/2019	Groundwater	Grab sample using DPT	--	38-40	ND, OSU, Pace	
L5	L5-1	3/14/2019	Soil	Hand auger	0-1	--	CSM	
L5	L5-4	3/14/2019	Soil	Soil core (Macro Core)	2-4	--	CSM, Navy	
L5	L5-6	3/14/2019	Soil	Soil core (Macro Core)	4-6	--	CSM, Pace, Navy	
L5	L5-8	3/14/2019	Soil	Soil core (Macro Core)	6-8	--	CSM, Pace, Navy	
L5	L5-10	3/14/2019	Soil	Soil core (Macro Core)	8-10	--	CSM, Navy	Parent sample of DUP-1-S
L5	DUP-1-S	3/14/2019	Soil	Soil core (Macro Core)	8-10	--	CSM	Dup of L5-10ft
L5	L5-13.5	3/14/2019	Soil	Soil core (Macro Core)	11.5-13.5	--	CSM, Pace, Navy	
L5	L5-25	3/14/2019	Soil	Soil core (Macro Core)	23-25	--	CSM, Navy	
L5	L5-29	3/14/2019	Soil	Soil core (Macro Core)	27-29	--	CSM, Navy	
L5	L5-31	3/14/2019	Soil	Soil core (Macro Core)	29-31	--	CSM, Navy	
L5	L5-34.5	3/14/2019	Soil	Soil core (Macro Core)	32.5-34.5	--	CSM, Pace, Navy	
L5	L5-39	3/14/2019	Soil	Soil core (Macro Core)	37-39	--	CSM, Navy	
L5	L5-46.5	3/14/2019	Soil	Soil core (Macro Core)	44.5-46.5	--	CSM, Pace, Navy	
L5	L5-GW-11.5-13.5	3/15/2019	Groundwater	Grab sample using DPT	--	11.5-13.5	ND, OSU, Pace, Navy	Collected x2 250-mL and x1 1-gallon for Navy
L5	L5-GW-27-29	3/15/2019	Groundwater	Grab sample using DPT	--	27-29	ND, OSU, Pace, Navy	Collected x2 250-mL and x1 5-gallon for Navy
L5	L5-GW-35-37	3/15/2019	Groundwater	Grab sample using DPT	--	35-37	ND, OSU, Pace, Navy	Parent sample of DUP-1-GW
L5	DUP-1-GW	3/15/2019	Groundwater	Grab sample using DPT	--	35-37	ND, Pace	Dup of L5-GW-35-37
L5	L5-GW-44-46	3/15/2019	Groundwater	Grab sample using DPT	--	44-46	ND, OSU, Pace, Navy	
L6	L6-1	3/22/2019	Soil	Hand auger	0-1	--	CSM	
L6	L6-7	3/22/2019	Soil	Soil core (Macro Core)	5-7	--	CSM, Pace	
L6	L6-13.5	3/22/2019	Soil	Soil core (Macro Core)	11.5-13.5	--	CSM, Pace	
L6	L6-23.5	3/22/2019	Soil	Soil core (Macro Core)	21.5-23.5	--	CSM	
L6	L6-GW-12-14	3/26/2019	Groundwater	Grab sample using DPT	--	12-14	ND, OSU, Pace	
L6	L6-GW-23-25	3/26/2019	Groundwater	Grab sample using DPT	--	23-25	ND, OSU	
L7	L7-1	3/22/2019	Soil	Hand auger	0-1	--	CSM	
L7	L7-7	3/22/2019	Soil	Soil core (Macro Core)	5-7	--	CSM, Pace	
L7	L7-16	3/22/2019	Soil	Soil core (Macro Core)	14-16	--	CSM, Pace	
L7	L7-25	3/22/2019	Soil	Soil core (Macro Core)	23-35	--	CSM	
L7	L7-GW-6-8	3/22/2019	Groundwater	Grab sample using DPT	--	6-8	ND, OSU, Pace	
L7	L7-GW-11-13	3/22/2019	Groundwater	Grab sample using DPT	--	11-13	ND, OSU	
L7	L7-GW-35-37	3/22/2019	Groundwater	Grab sample using DPT	--	35-37	ND, OSU	
L7	L7-GW-40-42	3/22/2019	Groundwater	Grab sample using DPT	--	40-42	ND, OSU, Pace	
L8	L8-1	3/19/2019	Soil	Hand auger	0-1	--	CSM	
L8	L8-7	3/19/2019	Soil	Soil core (Macro Core)	6-7	--	CSM, Pace	
L8	L8-8.5	3/19/2019	Soil	Soil core (Macro Core)	6.5-8	--	CSM	
L8	L8-12.5	3/19/2019	Soil	Soil core (Macro Core)	10.5-12.5	--	CSM, Pace	Parent sample of Dup-2-S
L8	Dup-2-S	3/19/2019	Soil	Soil core (Macro Core)	10.5-12.5	--	CSM	Dup of L8-12.5
L8	L8-14	3/19/2019	Soil	Soil core (Macro Core)	12-14	--	CSM, Pace	
L8	L8-17	3/19/2019	Soil	Soil core (Macro Core)	15-17	--	CSM	
L8	L8-18	3/19/2019	Soil	Soil core (Macro Core)	16-18	--	CSM	
L8	L8-20	3/19/2019	Soil	Soil core (Macro Core)	18-20	--	CSM	
L8	L8-23	3/19/2019	Soil	Soil core (Macro Core)	21-23	--	CSM	
L8	L8-25	3/19/2019	Soil	Soil core (Macro Core)	23-25	--	CSM	
L8	Dup-GW-2	3/19/2019	Groundwater	Grab sample using DPT	--	13-15	ND, OSU, Pace	Duplicate of parent sample L8-GW-13-15
L8	L8-GW-13-15	3/19/2019	Groundwater	Grab sample using DPT	--	13-15	ND, OSU, Pace	Parent sample of Field Duplicate Dup-GW-2
L8	L8-GW-19-21	3/19/2019	Groundwater	Grab sample using DPT	--	19-21	ND, OSU, Pace	Sample put on Hold for Pace (not analyzed)
L8	L8-GW-35-37	3/19/2019	Groundwater	Grab sample using DPT	--	35-37	ND, OSU, Pace	Sample put on Hold for Pace (not analyzed)
L8	L8-GW-40-42	3/19/2019	Groundwater	Grab sample using DPT	--	40-42	ND, OSU, Pace	
L9	L9-1	3/25/2019	Soil	Hand auger	0-1	--	CSM	
L9	L9-7.5	3/25/2019	Soil	Soil core (Macro Core)	5.5-7.5	--	CSM	

L9	L9-9	3/25/2019	Soil	Soil core (Macro Core)	7.5-9	--	CSM, Navy	
L9	L9-13	3/25/2019	Soil	Soil core (Macro Core)	11-13	--	CSM, Navy	
L9	L9-18	3/25/2019	Soil	Soil core (Macro Core)	16-18	--	CSM	
L9	L9-19.5	3/25/2019	Soil	Soil core (Macro Core)	18-19.5	--	CSM	
L9	L9-21	3/25/2019	Soil	Soil core (Macro Core)	19.5-21	--	CSM	
L9	L9-24	3/25/2019	Soil	Soil core (Macro Core)	22-24	--	CSM	Parent sample of Field Duplicate Dup-5-S
L9	Dup-5-S	3/25/2019	Soil	Soil core (Macro Core)	22-24	--	CSM	Duplicate of parent sample L9-24
L9	L9-34	3/25/2019	Soil	Soil core (Macro Core)	32-34	--	CSM, Navy	
L9	L9-38	3/25/2019	Soil	Soil core (Macro Core)	36-38	--	CSM, Navy	
L9	L9-GW-8-10	3/25/2019	Groundwater	Grab sample using DPT	--	8-10	ND, OSU, Navy	
L9	L9-GW-12-14	3/25/2019	Groundwater	Grab sample using DPT	--	12-14	ND, OSU, Pace, Navy	
L9	L9-GW-34-36	3/25/2019	Groundwater	Grab sample using DPT	--	34-46	ND, OSU, Navy	
L9	L9-GW-44-46	3/25/2019	Groundwater	Grab sample using DPT	--	44-46	ND, OSU, Pace, Navy	Parent sample of Field Duplicate Dup-GW-4
L9	Dup-GW-4	3/25/2019	Groundwater	Grab sample using DPT	--	44-46	ND, Pace	Field Duplicate of parent sample L9-GW-44-46
SS1	SS1-0-1	3/18/2019	Surface Soil	With trowel	0.5-1	--	CSM	
SS2	SS2-0-1	3/18/2019	Surface Soil	With trowel	0.5-1	--	CSM	
SS3	SS3-0-1	3/18/2019	Surface Soil	With trowel	0.5-1	--	CSM	
OSU Blanks	Rinsate - tubing	3/12/2019	Tubing rinsate	Rinsate	--	--	OSU	
OSU Blanks	Rinsate - equipment	3/12/2019	Equipment rinsate	Rinsate	--	--	OSU	
OSU Blanks	Decon water	3/12/2019	Decon water	Blank Water	--	--	OSU	
OSU Blanks	Field blank day 1	3/12/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	Trip blank day 1	3/12/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	insate - equipment day	3/13/2019	Equipment rinsate	Rinsate	--	--	OSU	
OSU Blanks	Field blank day 2	3/13/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	Trip blank day 2	3/13/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	Field blank day 3	3/14/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	Trip blank day 3	3/14/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	Equip rinsate L5	3/15/2019	Equipment rinsate	Rinsate	--	--	OSU	
OSU Blanks	Field blank day 4	3/15/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	Trip blank day 4	3/15/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	FB-5	3/19/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	EB-5	3/19/2019	Equipment rinsate	Rinsate	--	--	OSU	Equipment Blank Day 5; collected from DPT well screen
OSU Blanks	TB-5	3/19/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	TB-6	3/20/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	FB-6	3/20/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	EB-6	3/20/2019	Equipment rinsate	Rinsate	--	--	OSU	Equipment Blank Day 6; collected from DPT well screen
OSU Blanks	TB-7	3/21/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	FB-7	3/21/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	EB-7	3/21/2019	Equipment rinsate	Rinsate	--	--	OSU	Equipment Blank Day 7; collected from DPT well screen
OSU Blanks	Tubing Blank - 2	3/21/2019	Tubing rinsate	Rinsate	--	--	OSU	Second tubing blank; collected from HDPE sample tubing
OSU Blanks	TB-8	3/22/2019	Trip blank	Blank Water	--	--	OSU	Trip Blank Day 8
OSU Blanks	FB-8	3/22/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	EB-8	3/22/2019	Equipment rinsate	Rinsate	--	--	OSU	Equipment Blank Day 8; collected from DPT well screen
OSU Blanks	TB-9	3/25/2019	Trip blank	Blank Water	--	--	OSU	Trip Blank Day 9
OSU Blanks	FB-9	3/25/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	EB-9	3/25/2019	Equipment rinsate	Rinsate	--	--	OSU	Equipment Blank Day 9; collected from DPT well screen
OSU Blanks	TB-10	3/26/2019	Trip blank	Blank Water	--	--	OSU	
OSU Blanks	FB-10	3/26/2019	Field blank	Blank Water	--	--	OSU	
OSU Blanks	EB-10	3/26/2019	Equipment rinsate	Rinsate	--	--	OSU	Equipment Blank Day 10; collected from DPT well screen
OSU Blanks	Tubing Blank - 3	3/26/2019	Tubing rinsate	Rinsate	--	--	OSU	Third tubing blank; collected from HDPE sample tubing
CSM Blanks	Clean Sand	3/11/2019	Clean Sand	Sand	--	--	CSM	
CSM Blanks	FB day 1	3/11/2019	Field blank	Sand	--	--	CSM	
CSM Blanks	Rinsate day 1	3/11/2019	Equipment rinsate	Rinsate	--	--	CSM	
CSM Blanks	FB day 2	3/12/2019	Field blank	Sand	--	--	CSM	
CSM Blanks	Rinsate day 2	3/12/2019	Equipment rinsate	Rinsate	--	--	CSM	
CSM Blanks	FB day 3	3/14/2019	Field blank	Sand	--	--	CSM	
CSM Blanks	Rinsate day 3	3/14/2019	Equipment rinsate	Rinsate	--	--	CSM	
CSM Blanks	FB-5	3/19/2019	Field blank	Sand	--	--	CSM	
CSM Blanks	DB-5	3/19/2019	Equipment rinsate	Rinsate	--	--	CSM	Decon Blank day 5; collected from DPT shoe
CSM Blanks	FB-6	3/20/2019	Field blank	Sand	--	--	CSM	
CSM Blanks	DB-6	3/20/2019	Equipment rinsate	Rinsate	--	--	CSM	Decon Blank day 6; collected from DPT shoe
CSM Blanks	FB-7	3/21/2019	Field blank	Sand	--	--	CSM	
CSM Blanks	DB-7	3/21/2019	Equipment rinsate	Rinsate	--	--	CSM	Decon Blank day 7; collected from DPT shoe
CSM Blanks	FB-8	3/22/2019	Field blank	Sand	--	--	CSM	
CSM Blanks	DB-8	3/22/2019	Equipment rinsate	Rinsate	--	--	CSM	Decon Blank day 8; collected from DPT shoe
CSM Blanks	FB-9	3/25/2019	Field blank	Sand	--	--	CSM	Collected x4 250-mL for Navy
CSM Blanks	DB-9	3/25/2019	Equipment rinsate	Rinsate	--	--	CSM	Decon Blankd day 9; collected from DPT shoe

Notes:
1. DPT = Direct Push Technology (drilling)
2. OSU = Oregon State University
3. CSM = Colorado School of Mines
4. ND = University of Notre Dame
5. "--" not applicable

GSI Job No. G-4500/5013
Issued: 9 April 2019
PRELIMINARY

GSI ENVIRONMENTAL

GROUNDWATER FIELD PARAMTERS AT NBVC POINT MUGU, CA

ESTCP ER-201633: Characterization of the Nature and Extent of Per- and Poly-Fluoroalkyl Substances (PFAS) in Environmental Media

Location ID	Sample ID	Sample Date	Groundwater Screen Interval (ft BGS)	Temperature (deg C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss. Oxygen (mg/L)	Redox (mV)
B1	B1-GW-10-12	3/12/2019	10-12	16.9	6.89	10.71	650	1.72	-94.3
B1	B1-GW-15-17	3/12/2019	15-17	16.1	6.97	12.47	799	0.23	-175.8
B1	B1-GW-25-27	3/12/2019	25-27	16.0	6.86	20.40	674	0.11	-245.6
B1	B1-GW-38-40	3/13/2019	38-40	22.5	7.17	12.58	0.12	0.04	-618.9
B2	B2-GW-10-12	3/13/2019	10-12	18.9	6.99	7.27	614	1.01	-132.8
B2	B2-GW-15-17	3/13/2019	15-17	20.0	7.10	7.53	756	0.23	-213.1
B2	B2-GW-28-30	3/13/2019	28-30	21.0	7.36	15.21	774	0.04	-463.3
B2	B2-GW-38-40	3/14/2019	38-40	16.8	7.39	26.65	0.18	0.26	-314.5
L1	L1-GW-10-12	3/26/2019	10-12	17.2	8.20	1.16	771	2.24	-40.6
L1	L1-GW-17-19	3/26/2019	17-19	17.8	7.71	3.59	560	0.78	-187.0
L1	L1-GW-24-26	3/26/2019	24-26	19.8	7.55	8.52	252	0.16	-179.7
L1	L1-GW-44-46	3/26/2019	44-46	20.0	7.32	44.01	399	0.54	-155.9
L2	L2-GW-9-11	3/21/2019	9-11	15.7	7.25	11.36	479	1.45	-111.9
L2	L2-GW-18-20	3/21/2019	18-20	17.4	7.30	11.78	745	1.10	-138.7
L2	L2-GW-24-26	3/21/2019	24-26	17.3	7.33	12.98	326	0.61	-178.2
L2	L2-GW-38-40	3/21/2019	38-40	19.5	7.32	21.23	716	0.15	-188.9
L3	L3-GW-13-15	3/20/2019	13-15	19.2	7.38	13.31	55.5	2.25	-130.3
L3	L3-GW-20-22	3/20/2019	20-22	20.3	7.17	18.48	349	0.80	-168.1
L3	L3-GW-30-32	3/20/2019	30-32	20.1	7.60	13.42	660	0.51	-187.2
L3	L3-GW-38-40	3/20/2019	38-40	19.2	7.47	9.23	369	0.09	-215.9
L5	L5-GW-11.5-13.5	3/15/2019	11.5-13.5	19.0	7.19	11.76	7.28	2.17	-150.4
L5	L5-GW-27-29	3/15/2019	27-29	22.8	7.30	45.84	>1000	0.08	-251.5
L5	L5-GW-35-37	3/15/2019	35-37	23.2	7.45	16.98	7.35	0.04	-309.9
L5	L5-GW-44-46	3/15/2019	44-46	--	--	--	119	--	--
L6	L6-GW-12-14	3/26/2019	12-14	22.2	7.31	24.70	600	0.35	-152.8
L6	L6-GW-23-25	3/26/2019	23-25	22.7	7.21	35.30	453	1.05	-152.2
L7	L7-GW-6-8	3/22/2019	6-8	20.0	6.98	17.23	231	4.03	127.4
L7	L7-GW-11-13	3/22/2019	11-13	20.1	7.26	20.44	328	1.47	-82.8
L7	L7-GW-35-37	3/22/2019	35-37	21.9	7.41	6.43	548	1.40	-148.2
L7	L7-GW-40-42	3/22/2019	40-42	21.4	7.38	6.45	304	0.66	-151.0
L8	L8-GW-13-15	3/19/2019	13-15	17.5	6.79	73.70	343	1.98	-51.9
L8	L8-GW-19-21	3/19/2019	19-21	17.8	7.03	65.90	537	1.85	-91.4
L8	L8-GW-35-37	3/19/2019	35-37	19.1	7.39	9.35	739	0.91	-152.9
L8	L8-GW-40-42	3/19/2019	40-42	18.7	7.29	6.23	647	1.43	-153.7
L9	L9-GW-8-10	3/25/2019	8-10	17.4	7.29	24.90	611	2.58	-13.7
L9	L9-GW-12-14	3/25/2019	12-14	19.0	7.03	25.45	330	1.37	-62.0
L9	L9-GW-34-36	3/25/2019	34-46	20.4	7.47	5.89	710	0.33	-160.3
L9	L9-GW-44-46	3/25/2019	44-46	20.2	7.47	5.48	75.7	0.03	-187.4

Notes:
1. "--" not available

C.4 VOCs and Soil

GSI ENVIRONMENTAL

TABLE 1
SOIL SAMPLING AND TESTING RESULTS:

Naval Air Station Jacksonville
Jacksonville, Florida

SAMPLE LOCATION:	L932668-01	L932668-02	L932668-03	L932668-04	L932668-05
SAMPLE ID:	LOC 1-9-10FT	LOC 1-34-35FT	LOC 13-9-10FT	LOC 13-34-35FT	LOC 15-9-10FT
SAMPLE DEPTH:	9-10 FT	34-35 FT	9-10 FT	34-35 FT	9-10 FT
SAMPLE DATE:	08/28/2017	08/28/2017	08/28/2017	08/28/2017	08/28/2017
ANALYTE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Solids by Method 2540 G-2011					
Total solids (%)	**82**	**78.2**	**75.7**	**77.1**	**81.2**
Volatile Organic Compounds by Method 8260B					
Acetone	<0.152	<0.16	<0.165	<0.206	<0.166
Acrylonitrile	<0.0305	<0.032	<0.033	<0.0412	<0.0332
Benzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Bromobenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Bromodichloromethane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Bromoform	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Bromomethane	<0.0152	<0.016	<0.0165	<0.0206	<0.0166
N-Butylbenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Sec-Butylbenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Tert-Butylbenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Carbon Tetrachloride	<0.0152	<0.016	<0.0165	<0.0206	<0.0166
Chlorobenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Chlorodibromomethane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Chloroethane	<0.0152	<0.016	<0.0165	<0.0206	<0.0166
Chloroform	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Chloromethane	<0.00762	<0.00799	<0.00826	<0.0103	<0.00831
2-Chlorotoluene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
4-Chlorotoluene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,2-Dibromo-3-Chloropropane	<0.0152	<0.016	<0.0165	<0.0206	<0.0166
1,2-Dibromoethane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Dibromomethane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,2-Dichlorobenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,3-Dichlorobenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,4-Dichlorobenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Dichlorodifluoromethane	<0.0152	<0.016	<0.0165	<0.0206	<0.0166
1,1-Dichloroethane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,2-Dichloroethane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,1-Dichloroethene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Cis-1,2-Dichloroethene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Trans-1,2-Dichloroethene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,2-Dichloropropane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,1-Dichloropropene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,3-Dichloropropane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Cis-1,3-Dichloropropene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Trans-1,3-Dichloropropene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
2,2-Dichloropropane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Di-Isopropyl Ether	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Ethylbenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Hexachloro-1,3-Butadiene	<0.0061	<0.0064	<0.00661	<0.00823	<0.00665
Isopropylbenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
P-Isopropyltoluene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
2-Butanone (Mek)	<0.305	<0.32	<0.33	<0.412	<0.332
Methylene Chloride	<0.0152	<0.016	<0.0165	<0.0206	<0.0166
4-Methyl-2-Pentanone (Mibk)	<0.0305	<0.032	<0.033	<0.0412	<0.0332
Methyl Tert-Butyl Ether	**0.00359 J**	<0.0064	<0.00661	<0.00823	<0.00665
Naphthalene	<0.0152	<0.016	<0.0165	<0.0206	<0.0166
N-Propylbenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Styrene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,1,1,2-Tetrachloroethane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,1,2,2-Tetrachloroethane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,1,2-Trichlorotrifluoroethane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Tetrachloroethene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Toluene	<0.0061	<0.0064	<0.00661	<0.00823	<0.00665
1,2,3-Trichlorobenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,2,4-Trichlorobenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,1,1-Trichloroethane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,1,2-Trichloroethane	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Trichloroethene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Trichlorofluoromethane	<0.0152	<0.016	<0.0165	<0.0206	<0.0166
1,2,3-Trichloropropane	<0.00762	<0.00799	<0.00826	<0.0103	<0.00831
1,2,4-Trimethylbenzene	**0.00124 J**	<0.0032	<0.0033	<0.00412	<0.00332
1,2,3-Trimethylbenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Vinyl Chloride	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
1,3,5-Trimethylbenzene	<0.00305	<0.0032	<0.0033	<0.00412	<0.00332
Xylenes, Total	**0.00259 J**	<0.00959	<0.00991	<0.0124	<0.00997
Toluene-D8 (% Rec)	90.9	93.4	93.8	94.9	94.9
Dibromofluoromethane (% Rec)	82.4	79.5	80	79.7	81
4-Bromofluorobenzene (% Rec)	95.6	97.5	92.8	88.1	96.4
Anions by Method 9056A					
Chloride	**59.4**	**65.3**	**81.1**	**195**	**82.1**
Fluoride	**2.42**	**3.51**	**2.66**	**6.3**	**2.12**
Nitrate	**0.436 B J**	**0.428 B J**	**0.433 B J**	**0.67 B J**	**0.364 B J**
Sulfate	**5.28 B J**	**4.4 B J**	**11.4 J**	**5.03 B J**	**14.6 J**
Total Organic Carbon by Method USDA LOI					
TOC (Total organic carbon)	**1410**	**2060**	**2420**	**1790**	**1220**
Cation Exchange Capacity					
Cation exchange capacity (meq/100 g)	**0.900**	**2.20**	**2.50**	**1.80**	**1.80**

Notes:
1. Detections are shown in **bold**.
2. < = Constituent not detected at specified Sample Quantitation Limit.
   -- = Not analyzed or not applicable.
   J = The identification of the analyte is acceptable; the reported value is an estimate.
   J4 = The associated batch QC was outside the established quality control range for accuracy

GSI ENVIRONMENTAL

TABLE 1
SOIL SAMPLING AND TESTING RESULTS:

Naval Air Station Jacksonville
Jacksonville, Florida

SAMPLE LOCATION:	L932668-06	L932983-01	L932983-02	L932983-03	L932983-04
SAMPLE ID:	LOC 15-31-32FT	LOC 9-9-10FT	LOC 9-30-31FT	LOC 10-9-10FT	LOC 10-30.5-31.5FT
SAMPLE DEPTH:	31-32 FT	9-10 FT	30-31 FT	9-10 FT	30.5-31.5 FT
SAMPLE DATE:	08/28/2017	08/29/2017	08/29/2017	08/29/2017	08/29/2017
ANALYTE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Solids by Method 2540 G-2011					
Total solids (%)	**72.8**	**82.1**	**73.1**	**79.6**	**76.7**
Volatile Organic Compounds by Method 8260B					
Acetone	<0.172	**0.0173 J**	**0.0249 J**	**0.0183 J**	**0.0426 J**
Acrylonitrile	<0.0343	<0.0122	<0.0137	<0.0126	<0.013
Benzene	<0.00343	<0.00122	<0.00137	<0.00126	**0.00052 J**
Bromobenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Bromodichloromethane	<0.00343	<0.00152	<0.00171	<0.00157	<0.00163
Bromoform	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Bromomethane	<0.0172	<0.00609	<0.00684	<0.00628	<0.00652
N-Butylbenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Sec-Butylbenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Tert-Butylbenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Carbon Tetrachloride	<0.0172	<0.00122	<0.00137	<0.00126	<0.0013
Chlorobenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Chlorodibromomethane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Chloroethane	<0.0172	<0.00609	<0.00684	<0.00628	<0.00652
Chloroform	<0.00343	<0.00609	<0.00684	<0.00628	<0.00652
Chloromethane	<0.00859	<0.00305	<0.00342	<0.00314	<0.00326
2-Chlorotoluene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
4-Chlorotoluene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,2-Dibromo-3-Chloropropane	<0.0172	<0.00609	<0.00684	<0.00628	<0.00652
1,2-Dibromoethane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Dibromomethane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,2-Dichlorobenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,3-Dichlorobenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,4-Dichlorobenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Dichlorodifluoromethane	<0.0172	<0.00609	<0.00684	<0.00628	<0.00652
1,1-Dichloroethane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,2-Dichloroethane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,1-Dichloroethene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Cis-1,2-Dichloroethene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Trans-1,2-Dichloroethene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,2-Dichloropropane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,1-Dichloropropene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,3-Dichloropropane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Cis-1,3-Dichloropropene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Trans-1,3-Dichloropropene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
2,2-Dichloropropane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Di-Isopropyl Ether	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Ethylbenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Hexachloro-1,3-Butadiene	<0.00687	<0.00122	<0.00137	<0.00126	<0.0013
Isopropylbenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
P-Isopropyltoluene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
2-Butanone (Mek)	<0.343	<0.0122	<0.0137	<0.0126	<0.013
Methylene Chloride	<0.0172	<0.00609	<0.00684	<0.00628	<0.00652
4-Methyl-2-Pentanone (Mibk)	<0.0343	<0.0122	<0.0137	<0.0126	<0.013
Methyl Tert-Butyl Ether	<0.00687	<0.00122	<0.00137	<0.00126	<0.0013
Naphthalene	<0.0172	<0.00609	<0.00684	<0.00628	<0.00652
N-Propylbenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Styrene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,1,1,2-Tetrachloroethane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,1,2,2-Tetrachloroethane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,1,2-Trichlorotrifluoroethane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Tetrachloroethene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Toluene	<0.00687	<0.00609	<0.00684	<0.00628	<0.00652
1,2,3-Trichlorobenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,2,4-Trichlorobenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,1,1-Trichloroethane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,1,2-Trichloroethane	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Trichloroethene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Trichlorofluoromethane	<0.0172	<0.00609	<0.00684	<0.00628	<0.00652
1,2,3-Trichloropropane	<0.00859	<0.00305	<0.00342	<0.00314	<0.00326
1,2,4-Trimethylbenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,2,3-Trimethylbenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Vinyl Chloride	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
1,3,5-Trimethylbenzene	<0.00343	<0.00122	<0.00137	<0.00126	<0.0013
Xylenes, Total	<0.0103	<0.00366	<0.0041	<0.00377	<0.00391
Toluene-D8 (% Rec)	92.7	103	106	106	103
Dibromofluoromethane (% Rec)	80.2	97.3	97.4	97.5	97.4
4-Bromofluorobenzene (% Rec)	93.3	100	99.6	97.4	97.1
Anions by Method 9056A					
Chloride	**67**	**57**	**406**	**61.8**	**324**
Fluoride	**2.6**	**3.02**	**10**	**1.91**	**9.75**
Nitrate	**0.425 B J**	**0.4 B J**	**1.1 B J**	**0.382 B J**	**0.916 B J**
Sulfate	**3.36 B J**	**6.49 B J**	**10.6 J**	**15.9 J**	**15.4 B J**
Total Organic Carbon by Method USDA LOI					
TOC (Total organic carbon)	3620	**1400**	**2010**	**1920**	**3070**
Cation Exchange Capacity					
Cation exchange capacity (meq/100 g)	**2.60**	**1.40**	**2.00**	**2.00**	**2.80**

Notes:
1. Detections are shown in **bold**.
2. < = Constituent not detected at specified Sample Quantitation Limit.
   -- = Not analyzed or not applicable.
   J = The identification of the analyte is acceptable; the reported value is an estimate.
   J4 = The associated batch QC was outside the established quality control range for accuracy

GSI ENVIRONMENTAL

TABLE 1
SOIL SAMPLING AND TESTING RESULTS:

Naval Air Station Jacksonville
Jacksonville, Florida

SAMPLE LOCATION:		L932983-05	L932983-06	L932983-07	L932983-08	L933074-01
SAMPLE ID:		LOC 11-9-10FT	LOC 11-30-31FT	LOC 2-9-10FT	LOC 2-33-34FT	LOC3-9-10FT
SAMPLE DEPTH:	CAS No.	9-10 FT	30-31 FT	9-10 FT	33-34 FT	9-10 FT
SAMPLE DATE:		08/29/2017	08/29/2017	08/29/2017	08/29/2017	08/30/2017
ANALYTE		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Solids by Method 2540 G-2011						
Total solids (%)	--	**81.6**	**66.9**	**80.6**	**79.7**	**80.2**
Volatile Organic Compounds by Method 8260B						
Acetone		**0.0151 J**	**0.0364 J**	**0.0373 J**	**0.0203 J V3**	**0.073 J**
Acrylonitrile		<0.0122	<0.015	<0.0124	<0.0125	<0.0125
Benzene		<0.00122	**0.000979 J**	<0.00124	<0.00125	**0.00587**
Bromobenzene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Bromodichloromethane		<0.00153	<0.00187	<0.00155	<0.00157	<0.00156
Bromoform		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Bromomethane		<0.00612	<0.00748	<0.0062	<0.00627	<0.00624
N-Butylbenzene		<0.00122	<0.0015	<0.00124	<0.00125	**0.000404 J**
Sec-Butylbenzene		<0.00122	<0.0015	<0.00124	<0.00125	**0.000624 J**
Tert-Butylbenzene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Carbon Tetrachloride		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Chlorobenzene		<0.00122	<0.0015	<0.00124	<0.00125	**0.0278**
Chlorodibromomethane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Chloroethane		<0.00612	<0.00748	<0.0062	<0.00627	<0.00624
Chloroform		<0.00612	<0.00748	<0.0062	<0.00627	<0.00624
Chloromethane		<0.00306	<0.00374	<0.0031	<0.00314	<0.00312
2-Chlorotoluene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
4-Chlorotoluene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,2-Dibromo-3-Chloropropane		<0.00612	<0.00748	<0.0062	<0.00627	<0.00624
1,2-Dibromoethane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Dibromomethane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,2-Dichlorobenzene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,3-Dichlorobenzene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,4-Dichlorobenzene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Dichlorodifluoromethane		<0.00612	<0.00748	<0.0062	<0.00627	<0.00624
1,1-Dichloroethane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,2-Dichloroethane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,1-Dichloroethene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Cis-1,2-Dichloroethene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Trans-1,2-Dichloroethene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,2-Dichloropropane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,1-Dichloropropene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,3-Dichloropropane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Cis-1,3-Dichloropropene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Trans-1,3-Dichloropropene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
2,2-Dichloropropane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Di-Isopropyl Ether		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Ethylbenzene		<0.00122	<0.0015	<0.00124	<0.00125	**0.00723**
Hexachloro-1,3-Butadiene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125 J4
Isopropylbenzene		<0.00122	<0.0015	<0.00124	<0.00125	**0.00095 J**
P-Isopropyltoluene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
2-Butanone (Mek)		<0.0122	<0.015	<0.0124	<0.0125	**0.0171**
Methylene Chloride		<0.00612	<0.00748	<0.0062	<0.00627	<0.00624
4-Methyl-2-Pentanone (Mibk)		<0.0122	<0.015	<0.0124	<0.0125	<0.0125
Methyl Tert-Butyl Ether		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Naphthalene		<0.00612	<0.00748	<0.0062	<0.00627	<0.00624
N-Propylbenzene		<0.00122	<0.0015	<0.00124	<0.00125	**0.00114 J**
Styrene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,1,1,2-Tetrachloroethane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,1,2,2-Tetrachloroethane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,1,2-Trichlorotrifluoroethane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Tetrachloroethene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Toluene		<0.00612	<0.00748	<0.0062	<0.00627	<0.00624
1,2,3-Trichlorobenzene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,2,4-Trichlorobenzene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,1,1-Trichloroethane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,1,2-Trichloroethane		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Trichloroethene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Trichlorofluoromethane		<0.00612	<0.00748	<0.0062	<0.00627	<0.00624
1,2,3-Trichloropropane		<0.00306	<0.00374	<0.0031	<0.00314	<0.00312
1,2,4-Trimethylbenzene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,2,3-Trimethylbenzene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Vinyl Chloride		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
1,3,5-Trimethylbenzene		<0.00122	<0.0015	<0.00124	<0.00125	<0.00125
Xylenes, Total		<0.00367	<0.00449	<0.00372	<0.00376	<0.00374
Toluene-D8 (% Rec)		101	112	108	112	106
Dibromofluoromethane (% Rec)		98.2	96.8	95.6	90.9	96.4
4-Bromofluorobenzene (% Rec)		100	97.4	99.7	95.8	103
Anions by Method 9056A						
Chloride	16887-00-6	**58.5**	**178**	**40.5**	**65.4**	**38.3**
Fluoride		**1.91**	**5.7**	**1.67**	**3.42**	**0.651 J**
Nitrate	14797-55-8	**0.341 B J**	**0.647 B J**	**0.246 B J**	**0.379 B J**	**0.263 B J**
Sulfate	14808-79-8	**10.8 B J**	**10.9 B J**	**4.87 B J**	**8.62 B J**	**4.81 B J**
Total Organic Carbon by Method USDA LOI						
TOC (Total organic carbon)		**2010**	**1970**	**1170**	**987**	**1030**
Cation Exchange Capacity						
Cation exchange capacity (meq/100 g)		**1.90**	**2.60**	**1.30**	**1.70**	**1.90**

Notes:
1. Detections are shown in **bold**.
2. < = Constituent not detected at specified Sample Quantitation Limit.
   -- = Not analyzed or not applicable.
   J = The identification of the analyte is acceptable; the reported value is an estimate.
   J4 = The associated batch QC was outside the established quality control range for accuracy

GSI ENVIRONMENTAL

TABLE 1
SOIL SAMPLING AND TESTING RESULTS:

Naval Air Station Jacksonville
Jacksonville, Florida

SAMPLE LOCATION:	L933074-02	L933337-01	L933337-02	L933834-01	L933834-02
SAMPLE ID:	LOC3-34-35FT	LOC 14-9-10FT	LOC 14-34-35FT	LOC12-9-10FT	LOC12-34-35FT
SAMPLE DEPTH:	34-35 FT	9-10 FT	34-35 FT	9-10 FT	34-35 FT
SAMPLE DATE:	08/30/2017	08/31/2017	08/31/2017	09/01/2017	09/01/2017
ANALYTE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Solids by Method 2540 G-2011					
Total solids (%)	**78.9**	**80.5**	**81.6**	**81.5**	**65.6**
Volatile Organic Compounds by Method 8260B					
Acetone	<1.27	<1.24	<1.23	<1.23	**0.0265 J V3**
Acrylonitrile	<0.0127	<0.0124	<0.0123	<0.0123	<0.0152
Benzene	**0.00425**	<0.00124	<0.00123	<0.00123	<0.00152
Bromobenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Bromodichloromethane	<0.00159	<0.00155	<0.00153	<0.00153	<0.00191
Bromoform	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Bromomethane	<0.00634	<0.00621 J3	<0.00613 J3	<0.00614	<0.00762
N-Butylbenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Sec-Butylbenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Tert-Butylbenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Carbon Tetrachloride	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Chlorobenzene	**0.00108 J**	<0.00124	<0.00123	<0.00123	<0.00152
Chlorodibromomethane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Chloroethane	<0.00634	<0.00621	<0.00613	<0.00614	<0.00762
Chloroform	<0.00634	<0.00621	<0.00613	<0.00614	<0.00762
Chloromethane	<0.00317	<0.00311	<0.00306	<0.00307	<0.00381
2-Chlorotoluene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
4-Chlorotoluene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,2-Dibromo-3-Chloropropane	<0.00634	<0.00621	<0.00613	<0.00614	<0.00762
1,2-Dibromoethane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Dibromomethane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,2-Dichlorobenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,3-Dichlorobenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,4-Dichlorobenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Dichlorodifluoromethane	<0.00634	<0.00621	<0.00613	<0.00614	<0.00762
1,1-Dichloroethane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,2-Dichloroethane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,1-Dichloroethene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Cis-1,2-Dichloroethene	**0.000417 J**	<0.00124	<0.00123	<0.00123	<0.00152
Trans-1,2-Dichloroethene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,2-Dichloropropane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,1-Dichloropropene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,3-Dichloropropane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Cis-1,3-Dichloropropene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Trans-1,3-Dichloropropene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
2,2-Dichloropropane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Di-Isopropyl Ether	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Ethylbenzene	**0.00118 J**	<0.00124	<0.00123	<0.00123	<0.00152
Hexachloro-1,3-Butadiene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Isopropylbenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
P-Isopropyltoluene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
2-Butanone (Mek)	<0.0127	<0.0124	<0.0123	<0.0123	<0.0152
Methylene Chloride	<0.00634	<0.00621	<0.00613	<0.00614	<0.00762
4-Methyl-2-Pentanone (Mibk)	<0.0127	<0.0124	<0.0123	<0.0123	<0.0152
Methyl Tert-Butyl Ether	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Naphthalene	<0.00634	<0.00621	<0.00613	<0.00614	<0.00762
N-Propylbenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Styrene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,1,1,2-Tetrachloroethane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,1,2,2-Tetrachloroethane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,1,2-Trichlorotrifluoroethane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Tetrachloroethene	<0.00127	<0.00124 J4	<0.00123 J4	<0.00123	<0.00152
Toluene	<0.00634	<0.00621	<0.00613	<0.00614	<0.00762
1,2,3-Trichlorobenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,2,4-Trichlorobenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,1,1-Trichloroethane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
1,1,2-Trichloroethane	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Trichloroethene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Trichlorofluoromethane	<0.00634	<0.00621	<0.00613	<0.00614	<0.00762
1,2,3-Trichloropropane	<0.00317	<0.00311	<0.00306	<0.00307	<0.00381
1,2,4-Trimethylbenzene	**0.000898 J**	<0.00124	<0.00123	<0.00123	<0.00152
1,2,3-Trimethylbenzene	**0.00166 J4**	<0.00124	<0.00123	<0.00123	<0.00152
Vinyl Chloride	**0.000382 J**	<0.00124	<0.00123	<0.00123	<0.00152
1,3,5-Trimethylbenzene	<0.00127	<0.00124	<0.00123	<0.00123	<0.00152
Xylenes, Total	**0.00568**	<0.00373	<0.00368	<0.00368	<0.00457
Toluene-D8 (% Rec)	106	110	106	100	98
Dibromofluoromethane (% Rec)	92.3	93	93.3	111	115
4-Bromofluorobenzene (% Rec)	90.9	96.2	97.4	102	106
Anions by Method 9056A					
Chloride	**183**	**264**	**63.5**	**37.4**	**65.5**
Fluoride	**5.56**	**2.37**	**2.4**	**1.64**	**2.75**
Nitrate	**0.547 B J**	**0.636 B J**	**0.539 B J**	**0.226 B J**	<1.52
Sulfate	**8.95 B J**	**4.39 B J**	**266**	**13.8 B J**	**160**
Total Organic Carbon by Method USDA LOI					
TOC (Total organic carbon)	**1360**	**2190**	**9420**	**1810**	**6220**
Cation Exchange Capacity					
Cation exchange capacity (meq/100 g)	**1.70**	**1.30**	**14.0**	**2.30**	**7.30**

Notes:
1. Detections are shown in **bold**.
2. < = Constituent not detected at specified Sample Quantitation Limit.
   -- = Not analyzed or not applicable.
   J = The identification of the analyte is acceptable; the reported value is an estimate.
   J4 = The associated batch QC was outside the established quality control range for accuracy

GSI ENVIRONMENTAL

TABLE 1
SOIL SAMPLING AND TESTING RESULTS:

Naval Air Station Jacksonville
Jacksonville, Florida

SAMPLE LOCATION:	L933834-03	L933834-04
SAMPLE ID:	LOC8-9-10FT	LOC8-34-35FT
SAMPLE DEPTH:	9-10 FT	34-35 FT
SAMPLE DATE:	09/01/2017	09/01/2017
ANALYTE	mg/kg	mg/kg
Total Solids by Method 2540 G-2011		
Total solids (%)	**80.5**	**75.2**
Volatile Organic Compounds by Method 8260B		
Acetone	<1.24	**0.0385 J**
Acrylonitrile	<0.0124	<0.0133
Benzene	<0.00124	<0.00133
Bromobenzene	<0.00124	<0.00133
Bromodichloromethane	<0.00155	<0.00166
Bromoform	<0.00124	<0.00133
Bromomethane	<0.00621	<0.00665
N-Butylbenzene	<0.00124	<0.00133
Sec-Butylbenzene	<0.00124	<0.00133
Tert-Butylbenzene	<0.00124	<0.00133
Carbon Tetrachloride	<0.00124	<0.00133
Chlorobenzene	<0.00124	<0.00133
Chlorodibromomethane	<0.00124	<0.00133
Chloroethane	<0.00621	<0.00665
Chloroform	<0.00621	<0.00665
Chloromethane	<0.00311	<0.00332
2-Chlorotoluene	<0.00124	<0.00133
4-Chlorotoluene	<0.00124	<0.00133
1,2-Dibromo-3-Chloropropane	<0.00621	<0.00665
1,2-Dibromoethane	<0.00124	<0.00133
Dibromomethane	<0.00124	<0.00133
1,2-Dichlorobenzene	<0.00124	<0.00133
1,3-Dichlorobenzene	<0.00124	<0.00133
1,4-Dichlorobenzene	<0.00124	<0.00133
Dichlorodifluoromethane	<0.00621	<0.00665
1,1-Dichloroethane	<0.00124	<0.00133
1,2-Dichloroethane	<0.00124	<0.00133
1,1-Dichloroethene	<0.00124	<0.00133
Cis-1,2-Dichloroethene	<0.00124	<0.00133
Trans-1,2-Dichloroethene	<0.00124	<0.00133
1,2-Dichloropropane	<0.00124	<0.00133
1,1-Dichloropropene	<0.00124	<0.00133
1,3-Dichloropropane	<0.00124	<0.00133
Cis-1,3-Dichloropropene	<0.00124	<0.00133
Trans-1,3-Dichloropropene	<0.00124	<0.00133
2,2-Dichloropropane	<0.00124	<0.00133
Di-Isopropyl Ether	<0.00124	<0.00133
Ethylbenzene	<0.00124	<0.00133
Hexachloro-1,3-Butadiene	<0.00124	<0.00133
Isopropylbenzene	<0.00124	<0.00133
P-Isopropyltoluene	<0.00124	<0.00133
2-Butanone (Mek)	<0.0124	<0.0133
Methylene Chloride	<0.00621	<0.00665
4-Methyl-2-Pentanone (Mibk)	<0.0124	<0.0133
Methyl Tert-Butyl Ether	<0.00124	<0.00133
Naphthalene	<0.00621	<0.00665
N-Propylbenzene	<0.00124	<0.00133
Styrene	<0.00124	<0.00133
1,1,1,2-Tetrachloroethane	<0.00124	<0.00133
1,1,2,2-Tetrachloroethane	<0.00124	<0.00133
1,1,2-Trichlorotrifluoroethane	<0.00124	<0.00133
Tetrachloroethene	<0.00124	<0.00133
Toluene	<0.00621	<0.00665
1,2,3-Trichlorobenzene	<0.00124	<0.00133
1,2,4-Trichlorobenzene	<0.00124	<0.00133
1,1,1-Trichloroethane	<0.00124	<0.00133
1,1,2-Trichloroethane	<0.00124	<0.00133
Trichloroethene	<0.00124	<0.00133
Trichlorofluoromethane	<0.00621	<0.00665
1,2,3-Trichloropropane	<0.00311	<0.00332
1,2,4-Trimethylbenzene	<0.00124	<0.00133
1,2,3-Trimethylbenzene	<0.00124	<0.00133
Vinyl Chloride	<0.00124	<0.00133
1,3,5-Trimethylbenzene	<0.00124	<0.00133
Xylenes, Total	<0.00373	<0.00399
Toluene-D8 (% Rec)	100	98.7
Dibromofluoromethane (% Rec)	112	115
4-Bromofluorobenzene (% Rec)	99.1	104
Anions by Method 9056A		
Chloride	**38.6**	**58.8**
Fluoride	**1.74**	**3**
Nitrate	**0.573 B J**	<1.33
Sulfate	**12.9 B J**	**167**
Total Organic Carbon by Method USDA LOI		
TOC (Total organic carbon)	**1430**	**4530**
Cation Exchange Capacity		
Cation exchange capacity (meq/100 g)	**0.700**	

Notes:
1. Detections are shown in **bold**.
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   J = The identification of the analyte is acceptable; the reported value is an estimate.
   J4 = The associated batch QC was outside the established quality control range for accuracy

C.5 PFAS Results

DATA FOR ALL PFAS ANALYTES IN GROUNDWATER (NG/L) FROM NAS JACKSONVILLE, FL

Location and Depth	PFOA (% br)	PFOS (% br)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA
Loc 1-5ft	0.00	56.43	130	36	21	80	170	ND	ND
Loc 1-10ft	0.00	24.42	ND	16	24	ND	170	23	<LOQ
Loc 1-20ft	8.19	26.47	160	430	350	210	410	74	<LOQ
Loc 1-35ft	14.63	42.75	2,200	11,000	18,000	6,500	16,000	470	230
Loc 2-5ft	0.00	33.55	650	1,900	3,300	3,900	2,100	410	34
Loc 2-10ft	0.00	31.51	850	2,800	32,000	7,200	5,400	220	300
Loc 2-20ft	0.00	53.81	8,000	29,000	18,000	5,600	20,000	150	360
Loc 2-35ft	9.50	33.38	6,100	27,000	52,000	9,400	57,000	1,700	1,000
Loc 3-5ft	0.00	17.17	2,100	69,000	96,000	41,000	2,500	870	180
Loc 3-10ft	14.99	15.98	1,100	3,200	4,000	2,100	9,200	530	650
Loc 3-20ft	14.25	43.75	8,000	350,000	1,000,000	120,000	120,000	1,900	1,100
Loc 3-33ft	12.64	55.11	7,400	28,000	92,000	9,200	630,000	2,300	150
Loc 3-50ft	19.23	28.85	3,100	360,000	650,000	72,000	1,500,000	ND	28
Loc 8-5ft	0.00	51.80	8,000	33,000	7,600	15,000	130,000	1,900	1,100
Loc 8-10ft	13.15	27.40	20,000	68,000	290,000	39,000	47,000	2,300	150
Loc 8-20ft	0.00	23.52	1,300	4,300	13,000	2,800	330,000	930	210
Loc 8-33ft	14.95	63.69	820,000	3,700	230,000	770,000	740,000	2,100	ND
Loc 9-5ft	18.92	36.60	920	1,800	730	ND	<LOQ	290	48
Loc 9-10ft	0.00	21.38	1,400	5,100	7,000	3,000	11,000	370	10
Loc 9-20ft	0.00	48.63	11,000	18,000	32,000	6,800	44,000	4,200	410
Loc 9-35ft	0.00	38.95	2,100	4,200	9,400	1,900	32,000	16	<LOQ
Loc 10-5ft	10.66	47.26	420	1,000	1,200	1,500	2,400	380	<LOQ
Loc 10-10ft	0.00	21.18	1,700	9,400	24,000	2,100	4,000	2,400	20
Loc 10-20ft	0.00	25.21	9,700	31,000	140,000	9,700	32,000	4,200	ND
Loc 10-35ft	0.00	21.12	12,000	40,000	39,000	16,000	80,000	2,200	200
Loc 11-5ft	9.62	42.28	270	240	<LOQ	ND	<LOQ	ND	<LOQ

DATA FOR ALL PFAS ANALYTES IN GROUNDWATER (NG/L) FROM NAS JACKSONVILLE, FL

Location and Depth	PFOA (% br)	PFOS (% br)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA
Loc 11-10ft	n/a	25.25	180	230	<LOQ	240	<LOQ	450	12
Loc 11-20ft	0.00	37.31	1,100	3,400	7,500	1,800	2,400	290	34
Loc 11-35ft	0.00	25.14	12,000	32,000	56,000	15,000	290,000	1,300	98
Loc12-5ft	12.84	0.00	1,500	2,500	6,200	710	3,000	140	ND
Loc12-10ft	0.00	51.12	4,300	11,000	23,000	3,600	13,000	2,400	10
Loc12-20ft	0.00	40.78	4,300	9,900	22,000	3,500	14,000	460	29
Loc12-35ft	15.27	23.99	3,300	4,100	17,000	4,800	18,000	ND	ND
Loc13-5ft	0.00	71.02	540	1,600	2,400	430	3,300	ND	ND
Loc13-10ft	0.00	71.74	670	1,700	3,400	800	15,000	ND	ND
Loc13-20ft	0.00	64.28	1,200	3,700	2,600	2,100	14,000	ND	ND
Loc13-35ft	0.00	40.23	ND	27	<LOQ	<LOQ	30	ND	ND
Loc14-5ft	9.86	65.33	5,300	450	720	ND	1,000	ND	ND
Loc14_10ft	5.80	40.57	<LOQ	500	1,500	290	3,500	ND	ND
Loc14_20ft	0.00	56.40	170	390	1,000	110	160,000	ND	ND
Loc14_35ft	0.00	25.73	ND	ND	ND	ND	19	ND	ND
Loc14-50ft	8.93	n/a	ND	13,000	ND	ND	120,000	ND	ND
Loc15-5ft	18.86	74.73	270	460	620	280	5,600	ND	ND
Loc15-10ft	0.00	80.96	350	1,200	3,300	1,000	5,300	180	ND
Loc15-20ft	0.00	51.98	1,700	1,700	2,100	2,800	6,400	290	22
Loc15-35ft	0.00	92.08	1,900	12,000	39,000	7,700	110,000	ND	ND
Loc24-5ft	18.18	12.35	470	670	1,900	900	2,900	390	61
Loc24-10t	10.41	12.51	890	1,800	7,600	2,400	2,300	200	420
Loc24-35ft	14.92	24.50	370,000	1,000,000	1,500,000	360,000	2,400,000	2,600	1,100
Loc24-50t	16.64	11.01	4,100	280,000	650,000	4,100	3,200,000	ND	ND
Loc25-5ft	10.31	28.79	950	1,900	5,100	1,700	16,000	1,900	13
Loc25-10ft	12.47	10.69	830	1,400	2,600	1,900	3,300	300	290
Loc25-35ft	15.67	52.04	37,000	98,000	280,000	60,000	1,900,000	1,900	ND
Loc25-50ft	9.26	42.23	ND	67	170	56	1,500	ND	<LOQ
Loc 26-5ft	0.00	22.07	3,500	11,000	25,000	6,400	25,000	6,100	100
Loc26-10ft	4.14	15.64	2,300	5,100	15,000	2,500	9,000	2,400	900

DATA FOR ALL PFAS ANALYTES IN GROUNDWATER (NG/L) FROM NAS JACKSONVILLE, FL

Location and Depth	PFOA (% br)	PFOS (% br)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA
Loc26-35ft	15.46	27.32	460,000	1,200,000	2,300,000	480,000	24,000,000	2,800	41
Loc26-50ft	18.97	15.90	230,000	560,000	25,000	160,000	2,300,000	ND	ND
Loc16-10ft	0.00	17.74	ND	94	170	ND	630	37	8
Loc16-35ft	0.00	61.00	ND	420	1,100	ND	34,000	38	ND
Loc16-50ft	0.00	n/a	ND	<LOQ	320	ND	630	ND	ND
Loc17-10ft	0.00	22.00	ND	<LOQ	ND	ND	160	18	74
Loc17-35ft	0.00	n/a	ND	<LOQ	ND	ND	18	ND	ND
Loc17-50ft	0.00	n/a	ND	<LOQ	ND	ND	<LOQ	ND	ND
TR2A	0.00	12.75	2,000	7,000	7,700	4,100	6,000	630	190
TR2B	0.00	10.55	2,400	7,400	7,300	5,000	6,300	430	180
SW1	n/a	n/a	ND	<LOQ	<LOQ	ND	<LOQ	ND	ND
SW2	n/a	n/a	ND	ND	36	ND	ND	ND	ND
PMW01_TOP	0.00	0.00	630	2,100	2,300	4,300	2,700	ND	ND
PMW01_MID	0.00	13.44	1,100	3,200	3,000	2,500	5,400	640	99
PMW02_TOP	0.00	0.00	180	280	730	60	1,500	ND	38
PMW02_MID	0.00	8.29	490	750	1,900	800	4,100	440	510
PMW03_TOP	0.00	16.07	690	860	1,200	970	3,400	420	160
PMW03_MID	0.00	15.64	410	730	880	580	1,300	220	69
PMW04_TOP	15.25	0.00	88	170	280	100	680	33	ND
PMW04_MID	9.08	0.00	120	210	390	190	910	62	<LOQ
PMW05_TOP	0.00	0.00	920	2,000	3,100	1,200	4,500	770	640
PMW05_MID	0.00	11.95	850	2,700	4,900	2,900	3,200	1,400	580
PMW 6D-TOP	18.58	31.67	28,000	3,500,000	7,200,000	1,200,000	6,500,000	ND	37,000
PMW-6D-MID	21.24	35.25	25,000	140,000	250,000	20,000	100,000	ND	<LOQ
PMW-07-TOP	0.00	15.66	820	2,900	3,700	1,600	32,000	1,300	190
PMW-07-MID	18.75	13.47	250	560	1,000	690	1,900	740	57
PMW-13-TOP	21.37	10.36	470	590	2,000	1,000	2,300	2,000	94
PMW-13-MID	0.00	6.67	740	1,600	3,000	3,300	7,500	2,100	250
PMW-14-TOP	0.00	0.00	300	370	1,800	850	1,000	500	37
PMW-14-MID	0.00	51.23	520	1,100	2,300	1,700	1,600	500	56

DATA FOR ALL PFAS ANALYTES IN GROUNDWATER (NG/L) FROM NAS JACKSONVILLE, FL

Location and Depth	PFOA (% br)	PFOS (% br)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA
PMW-15D-TOP	20.02	51.11	22,000	57,000	160,000	24,000	380,000	8,400	290
PMW-15D-MID	0.00	13.32	30,000	78,000	220,000	35,000	380,000	13,000	290
TW-05-10ft	n/a	49.52	ND	84	110	ND	<LOQ	ND	ND
TW-05-25ft	0.00	21.84	ND	<LOQ	120	ND	100	ND	ND
TW-05-40ft	n/a	16.15	ND	<LOQ	ND	ND	ND	ND	ND
TW-06-10ft	n/a	n/a	ND	34	<LOQ	ND	ND	ND	ND
TW-06-25ft	n/a	n/a	ND	<LOQ	ND	ND	ND	ND	ND
TW-06-40ft	n/a	n/a	ND	ND	ND	ND	ND	ND	ND
TW-07-10ft	n/a	n/a	ND	ND	ND	ND	ND	ND	ND
TW-07-25ft	n/a	n/a	ND	ND	46	ND	ND	ND	ND
TW-07-40ft	n/a	33.74	ND	<LOQ	<LOQ	ND	ND	ND	ND
TW-08-10ft	n/a	n/a	ND	<LOQ	ND	ND	ND	ND	ND
TW-08-25ft	n/a	n/a	ND	ND	ND	ND	ND	ND	ND
TW-08-40ft	n/a	n/a	ND	ND	ND	ND	ND	ND	ND
TW-09-10ft	n/a	n/a	ND	ND	ND	ND	ND	ND	ND
TW-09-25ft	n/a	n/a	ND	ND	ND	ND	ND	ND	ND
TW-09-40ft	n/a	n/a	ND	<LOQ	ND	ND	ND	ND	ND
TW-10-10ft	n/a	n/a	ND	67	ND	ND	<LOQ	ND	ND
TW-10-25ft	n/a	n/a	ND	ND	ND	ND	ND	ND	ND
TB 8/22/17			ND	ND	11	ND	ND	ND	ND
TB 8/23/17			ND	ND	ND	ND	ND	ND	ND
TB 8/24/17			ND	ND	ND	ND	ND	ND	ND
TB 8/25/17			ND	ND	ND	ND	ND	ND	ND
TB 8/30/17			ND	ND	<LOQ	ND	ND	ND	ND
TB 8/31/17			ND	ND	ND	ND	ND	ND	ND
TB 9/1/17			ND	ND	<LOQ	ND	<LOQ	ND	ND
FB 8/22/17			ND	ND	ND	ND	ND	ND	ND
FB 8/23/17			ND	ND	ND	ND	ND	ND	ND
FB 8/24/17			ND	ND	ND	ND	ND	ND	ND
FB 8/25/17			ND	ND	ND	ND	ND	ND	ND

DATA FOR ALL PFAS ANALYTES IN GROUNDWATER (NG/L) FROM NAS JACKSONVILLE, FL

Location and Depth	PFOA (% br)	PFOS (% br)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA
FB 8/30/17			ND	ND	ND	ND	ND	ND	ND
FB 8/31/17			ND	ND	ND	ND	<LOQ	ND	<LOQ
FB-4 7/26			ND	ND	ND	<LOQ	ND	ND	ND
FB-3 7/25			ND	ND	ND	<LOQ	ND	ND	ND
TB-2 7/24			ND	ND	ND	<LOQ	ND	ND	ND
FB-2 7/24			ND	ND	ND	ND	ND	ND	ND
TB-1 7/23			ND	ND	ND	<LOQ	ND	ND	ND
FB-1 7/23			ND	ND	ND	ND	ND	ND	ND
TB-3 7/25			ND	ND	ND	<LOQ	ND	ND	ND
TB-4 7/26			ND	ND	ND	<LOQ	ND	ND	ND
TB-2			ND	ND	ND	ND	ND	ND	ND
FB-2			ND	ND	ND	ND	ND	ND	ND
TB-1			ND	ND	ND	ND	ND	ND	ND
TB-1			ND	ND	ND	ND	ND	ND	ND
ER-1			ND	ND	ND	ND	ND	ND	ND
ER-2			ND	ND	ND	ND	ND	ND	ND
ER-3			ND	ND	ND	ND	ND	ND	ND
ER-4			ND	ND	ND	ND	ND	ND	ND
ER-5			ND	ND	ND	ND	ND	ND	ND
ER-6			ND	ND	ND	ND	ND	ND	ND
ER-7			ND	ND	ND	ND	ND	ND	ND
ER-8			ND	ND	ND	ND	ND	ND	ND
ER-9			ND	ND	ND	ND	ND	ND	ND
ER-10			ND	ND	ND	ND	ND	ND	ND
ER-11			ND	ND	ND	ND	ND	ND	ND
ER-12			ND	ND	ND	ND	<LOQ	ND	ND
ER-13			ND	ND	ND	ND	ND	ND	ND
ER-14			ND	ND	ND	ND	<LOQ	ND	ND
ER-15			ND	ND	ND	ND	ND	ND	ND
ER-16			ND	ND	ND	ND	ND	ND	ND

Location and Depth	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS	PFNS	PFHxSi	PFOSi
Loc 1-5ft	ND	14	ND	28	ND	94	ND	ND	ND
Loc 1-10ft	ND	11	10	60	ND	560	ND	ND	ND
Loc 1-20ft	<LOQ	47	40	940	93	6,600	ND	ND	ND
Loc 1-35ft	2,800	2,200	2,800	23,000	2,800	56,000	ND	ND	<LOQ
Loc 2-5ft	<LOQ	53	99	3,100	100	19,000	310	ND	<LOQ
Loc 2-10ft	<LOQ	81	110	3,100	270	120,000	510	<LOQ	97
Loc 2-20ft	<LOQ	270	800	5,400	940	150,000	1,900	23	460
Loc 2-35ft	6,700	5,800	11,000	75,000	7,400	320,000	ND	ND	ND
Loc 3-5ft	<LOQ	66	190	4,600	190	1,700,000	4,300	<LOQ	1,800
Loc 3-10ft	ND	39	120	3,300	39	1,500,000	1,200	ND	2,700
Loc 3-20ft	<LOQ	44,000	27,000	36,000	13,000	1,200,000	ND	27	1,400
Loc 3-33ft	<LOQ	950,000	ND	99,000	7,400	1,900,000	ND	600	ND
Loc 3-50ft	<LOQ	1,100	1,100	4,900	570	450,000	65	12	ND
Loc 8-5ft	<LOQ	1,900	2,900	24,000	11,000	510,000	2,300	27	1,400
Loc 8-10ft	<LOQ	25,000	23,000	92,000	6,700	570,000	ND	600	ND
Loc 8-20ft	990	2,200	4,400	980,000	2,800	1,800,000	230	ND	ND
Loc 8-33ft	<LOQ	39,000	ND	320,000	290,000	120,000	ND	860	<LOQ
Loc 9-5ft	<LOQ	1,000	2,700	27,000	2,700	200,000	370	ND	<LOQ
Loc 9-10ft	3,700	3,600	8,300	43,000	8,000	41,000	ND	ND	ND
Loc 9-20ft	9,600	8,700	8,900	49,000	5,700	180,000	1,100	ND	ND
Loc 9-35ft	<LOQ	320	320	1,500	<LOQ	400	ND	ND	ND
Loc 10-5ft	<LOQ	300	330	7,600	500	28,000	210	ND	ND
Loc 10-10ft	1,100	4,900	7,900	64,000	6,100	150,000	510	ND	<LOQ
Loc 10-20ft	19,000	23,000	23,000	160,000	12,000	230,000	660	<LOQ	ND
Loc 10-35ft	15,000	15,000	18,000	76,000	10,000	170,000	45	220	230
Loc 11-5ft	ND	28	36	1,000	190	4,600	ND	ND	ND

Location and Depth	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS	PFNS	PFHxSi	PFOSi
Loc 11-10ft	<LOQ	86	120	1,900	210	11,000	ND	ND	ND
Loc 11-20ft	1,600	1,800	2,300	8,000	540	24,000	75	ND	45
Loc 11-35ft	20,000	23,000	17,000	96,000	5,400	500,000	<LOQ	390	ND
Loc12-5ft	7,900	6,100	4,600	15,000	490	16,000	ND	ND	ND
Loc12-10ft	6,100	5,900	6,800	32,000	3,600	71,000	ND	ND	ND
Loc12-20ft	5,400	7,000	6,000	43,000	2,900	91,000	740	ND	ND
Loc12-35ft	<LOQ	2,800	2,900	4,000	18	580	<LOQ	ND	ND
Loc13-5ft	<LOQ	1,700	1,800	5,400	260	1,600	ND	ND	ND
Loc13-10ft	<LOQ	2,000	2,700	8,600	160	320	ND	ND	ND
Loc13-20ft	<LOQ	2,600	380	7,800	260	2,100	ND	ND	ND
Loc13-35ft	ND	<LOQ	ND	11	ND	<LOQ	ND	ND	ND
Loc14-5ft	<LOQ	890	710	2,100	21	38	ND	ND	ND
Loc14_10ft	<LOQ	840	650	2,500	33	770	ND	ND	ND
Loc14_20ft	ND	680	550	2,600	77	3,600	ND	ND	ND
Loc14_35ft	ND	ND	ND	<LOQ	ND	86	ND	ND	ND
Loc14-50ft	ND	<LOQ	ND	<LOQ	ND	ND	ND	ND	ND
Loc15-5ft	<LOQ	92	110	1,700	120	2,100	ND	ND	ND
Loc15-10ft	<LOQ	460	340	6,300	880	14,000	ND	ND	ND
Loc15-20ft	<LOQ	2,800	3,700	11,000	1,600	37,000	ND	ND	ND
Loc15-35ft	1,300	3,800	2,800	49,000	3,200	6,100	ND	170	ND
Loc24-5ft	ND	56	140	2,700	260	44,000	260	ND	110
Loc24-10t	<LOQ	64	94	2,800	130	150,000	280	<LOQ	1,900
Loc24-35ft	180,000	250,000	360,000	2,800,000	430,000	21,000,000	1,200	ND	ND
Loc24-50t	76,000	1,100	820	3,600	86	1,300	ND	ND	ND
Loc25-5ft	290	1,400	3,400	53,000	3,400	12,000,000	ND	ND	120
Loc25-10ft	68,000	640	490	9,100	340	17,000,000	1,000	ND	91
Loc25-35ft	<LOQ	17,000	14,000	110,000	1,900	4,300	ND	680	ND
Loc25-50ft	ND	19	20	240	19	860	ND	ND	ND
Loc 26-5ft	3,100	3,600	7,900	2,700,000	11,000	13,000,000	1,200	31	36
Loc26-10ft	6,200	1,500	2,800	33,000	3,000	150,000	2,900	31	2,400

Location and Depth	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS	PFNS	PFHxSi	PFOSi
Loc26-35ft	120,000	110,000	150,000	1,600,000	2,000	500,000	ND	<LOQ	ND
Loc26-50ft	<LOQ	260	200	960	14	1,700	ND	ND	ND
Loc16-10ft	ND	<LOQ	<LOQ	55	ND	37	ND	ND	ND
Loc16-35ft	ND	38	21	470	ND	99	ND	ND	ND
Loc16-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-10ft	ND	<LOQ	ND	30	ND	790	ND	ND	ND
Loc17-35ft	ND	ND	ND	<LOQ	ND	<LOQ	ND	ND	ND
Loc17-50ft	ND	ND	ND	ND	ND	<LOQ	ND	ND	ND
TR2A	<LOQ	82	150	4,200	150	230,000	4,300	<LOQ	2,000
TR2B	<LOQ	86	220	3,400	250	81,000	3,200	<LOQ	1,500
SW1	ND	<LOQ	ND	ND	<LOQ	<LOQ	ND	ND	ND
SW2	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW01_TOP	ND	42	45	1,100	130	43,000	ND	ND	98
PMW01_MID	<LOQ	57	98	3,500	330	170,000	ND	ND	810
PMW02_TOP	<LOQ	81	72	1,000	40	4,700	30	ND	ND
PMW02_MID	<LOQ	590	370	3,600	520	490,000	360	ND	ND
PMW03_TOP	<LOQ	380	ND	3,300	330	68,000	ND	ND	450
PMW03_MID	<LOQ	150	230	3,000	510	17,000	ND	ND	160
PMW04_TOP	ND	30	21	520	<LOQ	1,500	13	ND	ND
PMW04_MID	<LOQ	43	42	710	34	4,100	48	ND	ND
PMW05_TOP	100	43	49	3,700	440	36,000	ND	ND	44
PMW05_MID	<LOQ	100	180	3,000	670	130,000	45	ND	130
PMW 6D-TOP	830,000	1,300,000	1,600,000	10,000,000	3,500,000	1,200,000	ND	26,000	ND
PMW-6D-MID	19,000	25,000	25,000	160,000	45,000	3,100,000	ND	<LOQ	ND
PMW-07-TOP	<LOQ	78	160	3,500	740	200,000	760	ND	480
PMW-07-MID	ND	41	63	1,600	110	22,000	100	ND	ND
PMW-13-TOP	ND	17	26	1,000	76	2,200,000	380	ND	150
PMW-13-MID	ND	23	47	3,100	220	43,000	700	ND	290
PMW-14-TOP	ND	13	26	630	60	29,000	190	ND	ND
PMW-14-MID	ND	17	110	2,400	150	19,000	300	ND	79

Location and Depth	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS	PFNS	PFHxSi	PFOSi
PMW-15D-TOP	19,000	30,000	34,000	210,000	29,000	81,000	ND	1,300	110
PMW-15D-MID	25,000	42,000	51,000	330,000	63,000	200,000	ND	750	600
TW-05-10ft	ND	11	<LOQ	370	ND	2,200	ND	ND	ND
TW-05-25ft	ND	11	21	540	ND	540	ND	ND	ND
TW-05-40ft	ND	<LOQ	ND	<LOQ	ND	13	ND	ND	ND
TW-06-10ft	ND	<LOQ	ND	ND	ND	<LOQ	ND	ND	ND
TW-06-25ft	ND	<LOQ	ND	57	ND	ND	ND	ND	ND
TW-06-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-10ft	ND	<LOQ	ND	<LOQ	ND	ND	ND	ND	ND
TW-07-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-40ft	ND	ND	ND	32	ND	50	ND	ND	ND
TW-08-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-10ft	ND	<LOQ	ND	35	ND	ND	ND	ND	ND
TW-09-25ft	ND	ND	ND	<LOQ	ND	<LOQ	ND	ND	ND
TW-09-40ft	ND	ND	ND	ND	ND	<LOQ	ND	ND	ND
TW-10-10ft	ND	<LOQ	<LOQ	53	ND	ND	ND	ND	ND
TW-10-25ft	ND	ND	ND	16	ND	ND	ND	ND	ND
TB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 9/1/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/23/17	ND	<LOQ	ND	ND	ND	ND	ND	ND	ND
FB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND

Location and Depth	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS	PFNS	PFHxSi	PFOSi
FB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-4 7/26	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND
FB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND
FB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-6	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-7	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-8	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-9	ND	ND	ND	20	ND	ND	ND	ND	ND
ER-10	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-11	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-12	ND	ND	ND	ND	ND	320	ND	ND	ND
ER-13	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-14	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND
ER-15	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-16	ND	ND	ND	ND	ND	ND	ND	ND	ND

Location and Depth	Cl-PFHxS	O-PFHxS	O-PFHpS	O-PFOS	O-PFNS	O-PFDS	4:2 FtS	6:2 FtS	8:2 FtS
Loc 1-5ft	ND	ND	ND	ND	ND	ND	ND	ND	18
Loc 1-10ft	ND	ND	ND	ND	ND	ND	ND	39	38
Loc 1-20ft	ND	ND	ND	ND	ND	ND	13	1,100	49
Loc 1-35ft	ND	ND	ND	ND	ND	ND	1,300	9,100	1,200
Loc 2-5ft	ND	ND	ND	ND	<LOQ	ND	ND	1,200	7,300
Loc 2-10ft	ND	ND	ND	ND	14	ND	29	2,000	14,000
Loc 2-20ft	ND	ND	ND	ND	44	ND	340	6,300	13,000
Loc 2-35ft	ND	12	20	17	56	ND	1,600	8,900	12,000
Loc 3-5ft	ND	ND	ND	ND	35	ND	45	2,600	290,000
Loc 3-10ft	ND	ND	ND	ND	ND	ND	38	790	1,200,000
Loc 3-20ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	970	1,100,000	320,000
Loc 3-33ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2,100	1,800,000	350
Loc 3-50ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	140	3,300	2,500
Loc 8-5ft	ND	ND	ND	12	110	ND	970	9,700	18,000
Loc 8-10ft	ND	39	45	<LOQ	ND	ND	2,100	8,900	350
Loc 8-20ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	34	190,000	4,400
Loc 8-33ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	140,000	1,600,000	340
Loc 9-5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	ND	<LOQ	ND
Loc 9-10ft	<LOQ	<LOQ	ND	ND	<LOQ	<LOQ	ND	5,300	22
Loc 9-20ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	170	7,800	4,100
Loc 9-35ft	<LOQ	<LOQ	ND	ND	<LOQ	<LOQ	16	99	ND
Loc 10-5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	ND	680	ND
Loc 10-10ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	13	4,100	150
Loc 10-20ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	70	7,300	570
Loc 10-35ft	<LOQ	<LOQ	ND	<LOQ	<LOQ	<LOQ	3,100	43,000	3,400
Loc 11-5ft	<LOQ	<LOQ	ND	ND	<LOQ	<LOQ	ND	230	22

Location and Depth	Cl-PFHxS	O-PFHxS	O-PFHpS	O-PFOS	O-PFNS	O-PFDS	4:2 FtS	6:2 FtS	8:2 FtS
Loc 11-10ft	<LOQ	<LOQ	ND	<LOQ	<LOQ	<LOQ	ND	66	30
Loc 11-20ft	ND	<LOQ	<LOQ	ND	ND	ND	18	1,500	1,000
Loc 11-35ft	ND	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2,000	27,000	660
Loc12-5ft	ND	ND	ND	ND	ND	ND	ND	330	10
Loc12-10ft	ND	ND	<LOQ	<LOQ	ND	ND	ND	750	230
Loc12-20ft	ND	<LOQ	<LOQ	<LOQ	28	ND	41	750	1,000
Loc12-35ft	<LOQ	ND	<LOQ	ND	ND	ND	120	110	ND
Loc13-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-10ft	ND	ND	ND	ND	ND	ND	ND	340	ND
Loc13-20ft	ND	ND	ND	ND	ND	ND	ND	170	ND
Loc13-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_10ft	ND	ND	ND	ND	ND	ND	ND	330	19
Loc14_20ft	ND	ND	ND	ND	ND	ND	ND	290	140
Loc14_35ft	ND	ND	ND	ND	ND	ND	ND	340	ND
Loc14-50ft	ND	ND	<LOQ	ND	ND	ND	ND	ND	ND
Loc15-5ft	ND	ND	ND	ND	ND	ND	ND	150	ND
Loc15-10ft	ND	ND	ND	ND	ND	ND	ND	<LOQ	260
Loc15-20ft	ND	ND	<LOQ	ND	ND	ND	110	<LOQ	890
Loc15-35ft	ND	ND	ND	ND	ND	ND	1,500	7,800	ND
Loc24-5ft	ND	ND	ND	ND	12	ND	33	1,100	5,200
Loc24-10t	ND	ND	ND	ND	17	ND	57	2,000	420,000
Loc24-35ft	32	18	31	29	75	ND	2,200	3,000,000	4,100,000
Loc24-50t	ND	ND	ND	ND	ND	ND	100	2,100	45
Loc25-5ft	ND	ND	20	ND	120	ND	ND	5,700	3,000
Loc25-10ft	ND	ND	ND	ND	34	ND	ND	3,900	3,200,000
Loc25-35ft	ND	38	24	ND	ND	ND	590	8,100	57
Loc25-50ft	ND	ND	ND	ND	ND	ND	ND	860	24
Loc 26-5ft	ND	<LOQ	37	26	210	ND	36	8,800	4,700
Loc26-10ft	ND	ND	10	ND	85	ND	ND	8,200	5,400

Location and Depth	Cl-PFHxS	O-PFHxS	O-PFHpS	O-PFOS	O-PFNS	O-PFDS	4:2 FtS	6:2 FtS	8:2 FtS
Loc26-35ft	ND	<LOQ	23	ND	ND	ND	870	710,000	ND
Loc26-50ft	ND	ND	ND	ND	ND	ND	ND	760	46
Loc16-10ft	ND	ND	ND	ND	ND	ND	ND	53	180
Loc16-35ft	ND	ND	ND	ND	ND	ND	ND	25	ND
Loc16-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TR2A	ND	ND	ND	ND	13	<LOQ	35	2,100	12,000
TR2B	ND	ND	ND	ND	24	130	10	2,400	16,000
SW1	ND	ND	ND	ND	ND	ND	ND	340	ND
SW2	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW01_TOP	ND	ND	ND	ND	ND	ND	ND	<LOQ	5,800
PMW01_MID	ND	ND	ND	ND	20	88	44	2,900	6,000
PMW02_TOP	ND	ND	ND	ND	ND	ND	ND	330	300
PMW02_MID	ND	ND	ND	ND	69	ND	<LOQ	<LOQ	43,000
PMW03_TOP	ND	ND	ND	ND	ND	ND	ND	180	210
PMW03_MID	ND	ND	ND	ND	ND	<LOQ	ND	140	460
PMW04_TOP	ND	ND	ND	ND	ND	ND	ND	340	51
PMW04_MID	ND	ND	ND	ND	ND	ND	ND	330	260
PMW05_TOP	ND	ND	ND	ND	ND	ND	<LOQ	1,600	130,000
PMW05_MID	ND	ND	ND	ND	<LOQ	ND	<LOQ	1,700	110,000
PMW 6D-TOP	ND	ND	ND	ND	ND	ND	480,000	12,000,000	2,100,000
PMW-6D-MID	ND	ND	ND	ND	ND	ND	7,600	190,000	24,000
PMW-07-TOP	ND	ND	ND	ND	26	30	170	4,700	13,000
PMW-07-MID	ND	ND	ND	ND	ND	ND	ND	1,100	4,900
PMW-13-TOP	ND	ND	ND	ND	8	18	38	3,900	630,000
PMW-13-MID	ND	ND	ND	ND	10	68	55	4,300	17,000
PMW-14-TOP	ND	ND	ND	ND	8	ND	ND	400	3,400
PMW-14-MID	ND	ND	ND	ND	11	ND	35	1,900	5,000

Location and Depth	Cl-PFHxS	O-PFHxS	O-PFHpS	O-PFOS	O-PFNS	O-PFDS	4:2 FtS	6:2 FtS	8:2 FtS
PMW-15D-TOP	93	100	190	41	ND	ND	4,600	9,100	1,800
PMW-15D-MID	170	150	150	80	ND	ND	7,200	8,200	2,100
TW-05-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-25ft	ND	ND	ND	ND	ND	ND	ND	<LOQ	ND
TW-05-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 9/1/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND

Location and Depth	Cl-PFHxS	O-PFHxS	O-PFHpS	O-PFOS	O-PFNS	O-PFDS	4:2 FtS	6:2 FtS	8:2 FtS
FB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2 7/24	ND	ND	ND	ND	ND	ND	ND	<LOQ	ND
TB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-6	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-7	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-8	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-9	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-10	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-11	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-12	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-13	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-14	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-15	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-16	ND	ND	ND	ND	ND	ND	ND	ND	ND

Location and Depth	FBSA	FPeSA	FHxSA	FOSA	FOSAA	FPePA	FHUEA	FHEA	SPr-FPeSA
Loc 1-5ft	ND	ND	ND	ND	60	ND	ND	ND	ND
Loc 1-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-20ft	ND	ND	600	ND	ND	ND	ND	ND	ND
Loc 1-35ft	2,800	3,100	22,000	150	ND	ND	ND	ND	ND
Loc 2-5ft	100	870	8,600	420	ND	ND	ND	ND	ND
Loc 2-10ft	380	480	ND	530	ND	ND	ND	ND	ND
Loc 2-20ft	410	1,300	34,000	1,500	ND	ND	ND	ND	ND
Loc 2-35ft	28,000	27,000	140,000	380	ND	ND	ND	ND	ND
Loc 3-5ft	88	400	ND	260,000	590	ND	ND	ND	ND
Loc 3-10ft	ND	ND	32,000	280,000	ND	ND	ND	ND	ND
Loc 3-20ft	1,400	1,800	ND	160	ND	ND	ND	ND	ND
Loc 3-33ft	7,600	ND	ND	1,300	ND	ND	ND	ND	ND
Loc 3-50ft	900	4,400	16,000	ND	ND	ND	ND	ND	ND
Loc 8-5ft	1,400	1,800	ND	160	ND	ND	ND	ND	ND
Loc 8-10ft	7,600	14,000	ND	1,300	ND	ND	ND	ND	ND
Loc 8-20ft	2,900	35,000	ND	140	ND	ND	ND	ND	ND
Loc 8-33ft	ND	ND	ND	3,400	ND	ND	ND	ND	ND
Loc 9-5ft	17,000	54,000	340,000	ND	ND	ND	ND	ND	ND
Loc 9-10ft	14,000	26,000	18,000	ND	ND	ND	ND	ND	ND
Loc 9-20ft	21,000	35,000	96,000	180	ND	ND	ND	ND	ND
Loc 9-35ft	120	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-5ft	<LOQ	5,600	29,000	83	ND	ND	ND	ND	ND
Loc 10-10ft	6,500	56,000	56,000	ND	ND	ND	ND	ND	ND
Loc 10-20ft	91,000	210,000	320,000	180	ND	ND	ND	ND	ND
Loc 10-35ft	4,900	31,000	420,000	1,600	ND	ND	ND	ND	ND
Loc 11-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND

Location and Depth	FBSA	FPeSA	FHxSA	FOSA	FOSAA	FPePA	FHUEA	FHEA	SPr-FPeSA
Loc 11-10ft	93	240	ND	ND	ND	ND	ND	ND	ND
Loc 11-20ft	1,900	5,700	27,000	110	ND	ND	ND	ND	ND
Loc 11-35ft	13,000	38,000	930,000	2,400	ND	ND	ND	ND	ND
Loc12-5ft	1,000	1,000	2,700	ND	ND	ND	ND	ND	ND
Loc12-10ft	25,000	32,000	42,000	72	ND	ND	ND	ND	330
Loc12-20ft	16,000	27,000	140,000	130	ND	ND	ND	ND	ND
Loc12-35ft	1,200	48	ND	ND	ND	ND	ND	ND	530
Loc13-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-10ft	94	ND	70	ND	ND	ND	ND	ND	ND
Loc13-20ft	240	ND	ND	24	ND	ND	ND	ND	ND
Loc13-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_10ft	ND	ND	<LOQ	ND	ND	ND	320	ND	ND
Loc14_20ft	ND	66	ND	ND	ND	ND	ND	ND	ND
Loc14_35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-5ft	ND	ND	200	ND	ND	ND	ND	ND	ND
Loc15-10ft	220	220	4,500	ND	ND	ND	ND	ND	ND
Loc15-20ft	3,300	6,600	33,000	240	ND	ND	ND	ND	570
Loc15-35ft	5,000	<LOQ	350,000	ND	ND	ND	ND	ND	ND
Loc24-5ft	150	150	1,600	640	ND	ND	ND	ND	ND
Loc24-10t	ND	<LOQ	60,000	2,500	<LOQ	290	ND	ND	ND
Loc24-35ft	530,000	690,000	12,000,000	770	ND	410	ND	ND	ND
Loc24-50t	560	130	<LOQ	52	ND	ND	ND	ND	210
Loc25-5ft	880	37,000	140,000	140	ND	ND	ND	ND	ND
Loc25-10ft	270	260,000	1,600,000	100	ND	ND	ND	ND	<LOQ
Loc25-35ft	460,000	1,900	1,700	900	ND	<LOQ	ND	ND	ND
Loc25-50ft	ND	ND	220	ND	ND	ND	ND	ND	ND
Loc 26-5ft	730,000	2,200,000	19,000	350	ND	ND	ND	ND	200
Loc26-10ft	5,000	44,000	170,000	320	ND	ND	ND	ND	ND

Location and Depth	FBSA	FPeSA	FHxSA	FOSA	FOSAA	FPePA	FHUEA	FHEA	SPr-FPeSA
Loc26-35ft	310,000	380,000	360,000	1,300	ND	ND	ND	ND	ND
Loc26-50ft	ND	81	ND	ND	ND	ND	ND	ND	ND
Loc16-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TR2A	ND	140	21,000	5,300	260	ND	ND	ND	ND
TR2B	ND	260	12,000	5,600	590	ND	ND	ND	ND
SW1	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW2	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW01_TOP	ND	87	5,100	340	ND	ND	ND	ND	ND
PMW01_MID	ND	380	8,900	4,800	690	6,800	ND	ND	ND
PMW02_TOP	280	4,800	5,800	85	ND	ND	ND	ND	ND
PMW02_MID	320	6,000	33,000	5,800	ND	ND	ND	ND	ND
PMW03_TOP	140	5,600	15,000	4,900	ND	ND	ND	ND	ND
PMW03_MID	94	4,800	10,000	4,700	ND	ND	ND	ND	ND
PMW04_TOP	ND	<LOQ	4,700	35	ND	ND	ND	ND	ND
PMW04_MID	ND	ND	5,100	5,000	ND	ND	120	ND	ND
PMW05_TOP	ND	580	8,700	280	ND	ND	ND	ND	ND
PMW05_MID	320	1,200	14,000	680	ND	ND	ND	ND	ND
PMW 6D-TOP	11,000	13,000	130,000	660,000	ND	7,500	2,300	ND	ND
PMW-6D-MID	11,000	9,700	46,000	8,100	ND	<LOQ	<LOQ	ND	ND
PMW-07-TOP	180	310	3,000	4,800	ND	190	ND	ND	ND
PMW-07-MID	ND	<LOQ	730	3,200	ND	ND	ND	ND	ND
PMW-13-TOP	ND	120	2,200	930	ND	210	ND	ND	ND
PMW-13-MID	ND	ND	6,800	6,900	190	240	ND	ND	ND
PMW-14-TOP	ND	ND	4,900	4,900	ND	ND	ND	ND	ND
PMW-14-MID	ND	ND	1,400	1,100	66	ND	ND	ND	ND

Location and Depth	FBSA	FPeSA	FHxSA	FOSA	FOSAA	FPePA	FHUEA	FHEA	SPr-FPeSA
PMW-15D-TOP	12,000	14,000	96,000	3,500	ND	6,900	ND	ND	ND
PMW-15D-MID	20,000	13,000	130,000	3,500	ND	13,000	ND	ND	ND
TW-05-10ft	ND	17	34	ND	ND	ND	ND	ND	ND
TW-05-25ft	ND	<LOQ	150	ND	ND	ND	ND	ND	ND
TW-05-40ft	ND	ND	<LOQ	ND	ND	ND	ND	ND	ND
TW-06-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 9/1/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND

Location and Depth	FBSA	FPeSA	FHxSA	FOSA	FOSAA	FPePA	FHUEA	FHEA	SPr-FPeSA
FB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-6	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-7	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-8	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-9	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-10	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-11	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-12	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-13	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-14	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-15	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-16	ND	ND	ND	ND	ND	ND	ND	ND	ND

								C2 C4	C2 C5
Location and Depth	**SPr-FHxSA**	**SPrAmPr-FPeSAA**	**SPrAmPr-FHxSAA**	**6:2 FTTh-PrAd-DiMeEtS**	**8:2 FTTh-PrAd-DiMeEtS**	**6:2 FTSA-PrB**	**6:2 FTSAPr-DiMeAn**	**SPrAmPr-FBSA**	**SPrAmPr-FPeSA**
Loc 1-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-20ft	170	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-35ft	6,500	ND	ND	<LOQ	ND	ND	ND	ND	ND
Loc 2-5ft	1,800	ND	ND	ND	ND	ND	ND	ND	ND
Loc 2-10ft	2,200	ND	ND	ND	ND	1,850	ND	ND	ND
Loc 2-20ft	3,300	ND	ND	ND	12	ND	ND	ND	ND
Loc 2-35ft	12,000	ND	ND	ND	850	ND	ND	ND	ND
Loc 3-5ft	1,500	ND	ND	ND	ND	825	ND	ND	115
Loc 3-10ft	3,800	ND	ND	ND	ND	4,000	ND	ND	ND
Loc 3-20ft	2,200	ND	ND	ND	2,700	ND	ND	ND	ND
Loc 3-33ft	8,400	ND	ND	ND	ND	ND	ND	ND	ND
Loc 3-50ft	1,700	ND	1,300	ND	7,200	ND	ND	ND	ND
Loc 8-5ft	6,100	ND	ND	ND	ND	ND	ND	ND	ND
Loc 8-10ft	9,700	ND	ND	22	180	ND	ND	ND	ND
Loc 8-20ft	76,000	ND	ND	ND	ND	<LOQ	ND	ND	ND
Loc 8-33ft	9,100	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-5ft	2,200	ND	ND	ND	ND	6,250	ND	ND	ND
Loc 9-10ft	23,000	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-20ft	3,800	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-5ft	200	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-10ft	7,700	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-20ft	53,000	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-35ft	15,000	ND	ND	ND	ND	243	ND	ND	ND
Loc 11-5ft	100	ND	ND	ND	ND	ND	60	ND	ND

								C2 C4	C2 C5
Location and Depth	**SPr-FHxSA**	**SPrAmPr-FPeSAA**	**SPrAmPr-FHxSAA**	**6:2 FTTh-PrAd-DiMeEtS**	**8:2 FTTh-PrAd-DiMeEtS**	**6:2 FTSA-PrB**	**6:2 FTSAPr-DiMeAn**	**SPrAmPr-FBSA**	**SPrAmPr-FPeSA**
Loc 11-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 11-20ft	2,800	ND	190	ND	ND	ND	ND	ND	ND
Loc 11-35ft	46,000	ND	2,800	ND	150	ND	ND	ND	ND
Loc12-5ft	380	ND	ND	ND	ND	ND	ND	ND	ND
Loc12-10ft	6,900	ND	ND	ND	ND	ND	ND	ND	ND
Loc12-20ft	24,000	ND	<LOQ	ND	<LOQ	ND	ND	ND	ND
Loc12-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-20ft	720	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-10ft	2,300	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-20ft	7,200	ND	<LOQ	ND	ND	0	ND	ND	ND
Loc15-35ft	110,000	ND	ND	ND	ND	ND	ND	ND	ND
Loc24-5ft	890	ND	ND	ND	ND	ND	ND	ND	ND
Loc24-10t	1,800	ND	ND	ND	ND	ND	ND	ND	ND
Loc24-35ft	380,000	ND	<LOQ	ND	1,000	ND	1,350	ND	ND
Loc24-50t	530	ND	ND	ND	ND	ND	1,375	ND	ND
Loc25-5ft	3,200	ND	<LOQ	ND	ND	ND	675	ND	ND
Loc25-10ft	4,600	ND	ND	ND	ND	65,000	2,325	ND	ND
Loc25-35ft	2,000	ND	ND	ND	ND	ND	875	ND	ND
Loc25-50ft	96	ND	ND	ND	ND	55,000	1,625	ND	ND
Loc 26-5ft	31,000	ND	<LOQ	ND	ND	ND	ND	ND	ND
Loc26-10ft	430	ND	ND	ND	ND	250,000	ND	ND	ND

								C2 C4	C2 C5
Location and Depth	**SPr-FHxSA**	**SPrAmPr-FPeSAA**	**SPrAmPr-FHxSAA**	**6:2 FTTh-PrAd-DiMeEtS**	**8:2 FTTh-PrAd-DiMeEtS**	**6:2 FTSA-PrB**	**6:2 FTSAPr-DiMeAn**	**SPrAmPr-FBSA**	**SPrAmPr-FPeSA**
Loc26-35ft	6,600	ND	ND	ND	ND	ND	ND	ND	ND
Loc26-50ft	ND	ND	ND	ND	ND	57,500	ND	ND	ND
Loc16-10ft	ND	ND	ND	ND	ND	ND	<LOQ	ND	ND
Loc16-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TR2A	1,500	ND	ND	ND	ND	ND	ND	<LOQ	<LOQ
TR2B	1,700	ND	ND	ND	ND	ND	ND	<LOQ	<LOQ
SW1	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW2	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW01_TOP	500	ND	<LOQ	ND	ND	ND	ND	ND	ND
PMW01_MID	2,700	ND	<LOQ	ND	ND	ND	ND	ND	ND
PMW02_TOP	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND
PMW02_MID	4,800	ND	<LOQ	ND	ND	ND	ND	ND	ND
PMW03_TOP	ND	ND	ND	ND	ND	133	ND	ND	ND
PMW03_MID	ND	ND	ND	ND	ND	375	ND	ND	ND
PMW04_TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW04_MID	ND	ND	ND	ND	ND	425	ND	ND	ND
PMW05_TOP	2,400	ND	<LOQ	ND	ND	1,325	ND	ND	ND
PMW05_MID	9,400	ND	<LOQ	ND	ND	450	ND	ND	ND
PMW 6D-TOP	440,000	ND	ND	ND	ND	ND	ND	ND	ND
PMW-6D-MID	6,100	ND	ND	ND	ND	ND	ND	ND	ND
PMW-07-TOP	2,400	ND	<LOQ	ND	16	ND	ND	ND	ND
PMW-07-MID	440	ND	ND	ND	9	ND	ND	ND	ND
PMW-13-TOP	470	ND	ND	ND	ND	ND	ND	ND	ND
PMW-13-MID	760	ND	ND	ND	ND	ND	ND	ND	ND
PMW-14-TOP	450	ND	ND	ND	ND	ND	ND	ND	ND
PMW-14-MID	380	ND	ND	ND	ND	ND	ND	ND	ND

								C2 C4	C2 C5
Location and Depth	**SPr-FHxSA**	**SPrAmPr-FPeSAA**	**SPrAmPr-FHxSAA**	**6:2 FTTh-PrAd-DiMeEtS**	**8:2 FTTh-PrAd-DiMeEtS**	**6:2 FTSA-PrB**	**6:2 FTSAPr-DiMeAn**	**SPrAmPr-FBSA**	**SPrAmPr-FPeSA**
PMW-15D-TOP	5,300	ND	<LOQ	270	110	ND	5,750	ND	ND
PMW-15D-MID	5,500	ND	<LOQ	360	260	ND	4,000	ND	ND
TW-05-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 9/1/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND

								C2 C4	C2 C5
Location and Depth	**SPr-FHxSA**	**SPrAmPr-FPeSAA**	**SPrAmPr-FHxSAA**	**6:2 FTTh-PrAd-DiMeEtS**	**8:2 FTTh-PrAd-DiMeEtS**	**6:2 FTSA-PrB**	**6:2 FTSAPr-DiMeAn**	**SPrAmPr-FBSA**	**SPrAmPr-FPeSA**
FB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-6	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-7	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-8	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-9	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-10	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-11	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-12	ND	ND	ND	ND	ND	ND	80	ND	ND
ER-13	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-14	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-15	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-16	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C2 C6	C13 C4	C13 C5	C13 C6	C4 C4	C4 C5	C4 C6	C5 C5	C5 C6
Location and Depth	**SPrAmPr-FHxSA**	**TAmPr-FBSA**	**TAmPr-FPeSA**	**TAmPr-FHxSA**	**SPr-EtOHAm-Pr-FBSA**	**SPr-EtOHAm-Pr-FPeSA**	**SPr-EtOHAm-Pr-FHxSA**	**SPrAmPr-FPeSAPrS**	**SPrAmPr-FHxSAPrS**
Loc 1-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 2-5ft	ND	17,750	9,000	12,750	ND	ND	ND	ND	ND
Loc 2-10ft	ND	150,000	14,000	13,500	ND	ND	3,500	ND	ND
Loc 2-20ft	ND	5,500	3,000	2,750	ND	1,075	47,500	425	60,000
Loc 2-35ft	ND	ND	ND	ND	ND	ND	ND	1,750	52,500
Loc 3-5ft	ND	650	3,500	400,000	ND	ND	ND	ND	1,100
Loc 3-10ft	ND	75,000	190,000	72,500	ND	ND	1,825	ND	1,075
Loc 3-20ft	750	132,500	24,750	10,250	1,325	7,000	85,000	6,000	88,750
Loc 3-33ft	ND	ND	ND	650	ND	ND	ND	ND	<LOQ
Loc 3-50ft	ND	5,000	4,500	37,500	ND	ND	ND	ND	ND
Loc 8-5ft	ND	ND	ND	ND	ND	ND	ND	ND	650
Loc 8-10ft	ND	ND	ND	ND	ND	ND	300	275	8,250
Loc 8-20ft	ND	ND	ND	ND	ND	<LOQ	1,800	275	57,500
Loc 8-33ft	ND	<LOQ	ND	ND	ND	<LOQ	<LOQ	1,450	32,500
Loc 9-5ft	ND	ND	ND	ND	ND	ND	450	ND	3,750
Loc 9-10ft	ND	ND	ND	ND	ND	ND	ND	ND	16,000
Loc 9-20ft	ND	ND	ND	ND	ND	ND	ND	ND	27,500
Loc 9-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-5ft	ND	ND	ND	ND	ND	ND	ND	ND	525
Loc 10-10ft	ND	ND	ND	ND	ND	ND	ND	155	17,750
Loc 10-20ft	ND	ND	ND	ND	ND	ND	ND	475	14,000
Loc 10-35ft	ND	ND	ND	ND	ND	ND	3,250	6,500	325,000
Loc 11-5ft	ND	ND	ND	ND	ND	ND	ND	ND	1,150

	C2 C6	C13 C4	C13 C5	C13 C6	C4 C4	C4 C5	C4 C6	C5 C5	C5 C6
Location and Depth	**SPrAmPr-FHxSA**	**TAmPr-FBSA**	**TAmPr-FPeSA**	**TAmPr-FHxSA**	**SPr-EtOHAm-Pr-FBSA**	**SPr-EtOHAm-Pr-FPeSA**	**SPr-EtOHAm-Pr-FHxSA**	**SPrAmPr-FPeSAPrS**	**SPrAmPr-FHxSAPrS**
Loc 11-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 11-20ft	ND	ND	ND	ND	ND	ND	3,000	ND	3,750
Loc 11-35ft	ND	ND	ND	ND	ND	ND	ND	12,250	325,000
Loc12-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc12-10ft	ND	ND	ND	ND	ND	ND	ND	ND	<LOQ
Loc12-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc12-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-5ft	ND	ND	ND	ND	ND	ND	ND	ND	<LOQ
Loc13-10ft	ND	ND	ND	ND	ND	ND	ND	ND	<LOQ
Loc13-20ft	ND	ND	ND	ND	ND	ND	ND	ND	<LOQ
Loc13-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_10ft	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND
Loc14_20ft	ND	ND	ND	73	ND	ND	ND	ND	ND
Loc14_35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-10ft	ND	ND	ND	ND	ND	ND	<LOQ	ND	<LOQ
Loc15-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc24-5ft	ND	2,100	1,475	15,500	ND	ND	ND	ND	ND
Loc24-10t	ND	650,000	60,000	65,000	ND	ND	<LOQ	ND	<LOQ
Loc24-35ft	ND	675	ND	350	ND	ND	ND	3,250	62,500
Loc24-50t	ND	180	ND	ND	ND	ND	ND	ND	ND
Loc25-5ft	ND	ND	ND	ND	ND	ND	1,125	ND	6,250
Loc25-10ft	ND	525	205	ND	ND	ND	73	ND	220
Loc25-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc25-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 26-5ft	ND	ND	115	450	ND	ND	ND	ND	11,750
Loc26-10ft	ND	4,250	5,500	14,750	ND	ND	ND	ND	1,700

	C2 C6	C13 C4	C13 C5	C13 C6	C4 C4	C4 C5	C4 C6	C5 C5	C5 C6
Location and Depth	**SPrAmPr-FHxSA**	**TAmPr-FBSA**	**TAmPr-FPeSA**	**TAmPr-FHxSA**	**SPr-EtOHAm-Pr-FBSA**	**SPr-EtOHAm-Pr-FPeSA**	**SPr-EtOHAm-Pr-FHxSA**	**SPrAmPr-FPeSAPrS**	**SPrAmPr-FHxSAPrS**
Loc26-35ft	ND	ND	ND	ND	ND	ND	ND	ND	<LOQ
Loc26-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TR2A	ND	ND	275	60,000	ND	ND	ND	ND	<LOQ
TR2B	ND	ND	228	57,500	ND	ND	<LOQ	ND	<LOQ
SW1	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW2	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW01_TOP	ND	ND	<LOQ	1,950	ND	ND	ND	ND	ND
PMW01_MID	ND	ND	2,200	16,000	ND	ND	50	ND	<LOQ
PMW02_TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW02_MID	ND	ND	ND	ND	ND	ND	<LOQ	ND	<LOQ
PMW03_TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW03_MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW04_TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW04_MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW05_TOP	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND
PMW05_MID	ND	ND	ND	1,000	ND	ND	<LOQ	ND	93
PMW 6D-TOP	ND	ND	ND	ND	ND	ND	ND	ND	<LOQ
PMW-6D-MID	ND	ND	ND	ND	ND	ND	ND	ND	<LOQ
PMW-07-TOP	ND	1,000	2,750	47,500	ND	ND	10,250	ND	11,250
PMW-07-MID	ND	300	1,475	25,000	ND	ND	275	ND	215
PMW-13-TOP	ND	<LOQ	375	62,500	ND	ND	ND	ND	ND
PMW-13-MID	ND	130	475	107,500	ND	ND	ND	ND	ND
PMW-14-TOP	ND	ND	ND	450	ND	ND	ND	ND	ND
PMW-14-MID	ND	173	700	11,000	ND	ND	110	ND	ND

	C2 C6	C13 C4	C13 C5	C13 C6	C4 C4	C4 C5	C4 C6	C5 C5	C5 C6
Location and Depth	**SPrAmPr-FHxSA**	**TAmPr-FBSA**	**TAmPr-FPeSA**	**TAmPr-FHxSA**	**SPr-EtOHAm-Pr-FBSA**	**SPr-EtOHAm-Pr-FPeSA**	**SPr-EtOHAm-Pr-FHxSA**	**SPrAmPr-FPeSAPrS**	**SPrAmPr-FHxSAPrS**
PMW-15D-TOP	ND	ND	ND	275	93	ND	3,000	5,000	115,000
PMW-15D-MID	ND	ND	ND	93	750	2,025	19,500	7,250	185,000
TW-05-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 9/1/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C2 C6	C13 C4	C13 C5	C13 C6	C4 C4	C4 C5	C4 C6	C5 C5	C5 C6
Location and Depth	**SPrAmPr-FHxSA**	**TAmPr-FBSA**	**TAmPr-FPeSA**	**TAmPr-FHxSA**	**SPr-EtOHAm-Pr-FBSA**	**SPr-EtOHAm-Pr-FPeSA**	**SPr-EtOHAm-Pr-FHxSA**	**SPrAmPr-FPeSAPrS**	**SPrAmPr-FHxSAPrS**
FB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-6	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-7	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-8	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-9	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-10	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-11	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-12	ND	ND	ND	22	ND	ND	ND	ND	ND
ER-13	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-14	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-15	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-16	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C5 C7	C5 C8	C8 C4	C8 C5	C8 C6	C8 C7	C9 C3	C9 C4	C9 C5
Location and Depth	**SPrAmPr-FHpSAPrS**	**SPrAmPr-FOSAPrS**	**EtOH-AmPr-FBSAPrS**	**EtOH-AmPr-FPeSAPrS**	**EtOH-AmPr-FHxSAPrS**	**EtOH-AmPr-FHpSAPrS**	**EtOH-AmPr-FPrSA-EtOH**	**EtOH-AmPr-FBSA-EtOH**	**EtOH-AmPr-FPeSA-EtOH**
Loc 1-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 2-5ft	ND	ND	ND	ND	10,250	ND	ND	ND	ND
Loc 2-10ft	ND	ND	2,750	10,000	102,500	ND	ND	ND	ND
Loc 2-20ft	1,450	5,500	18,500	52,500	57,500	ND	ND	ND	ND
Loc 2-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 3-5ft	ND	7,250	ND	ND	5,250	ND	ND	ND	25,000
Loc 3-10ft	1,775	14,500	43	4,250	42,500	ND	42,500	ND	4,750
Loc 3-20ft	3,500	ND	10,000	32,500	172,500	ND	ND	ND	ND
Loc 3-33ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 3-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 8-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 8-10ft	ND	ND	ND	ND	1,575	ND	ND	ND	ND
Loc 8-20ft	ND	ND	ND	205	ND	ND	ND	ND	ND
Loc 8-33ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-35ft	<LOQ	ND	ND	ND	2,500	ND	ND	ND	ND
Loc 11-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C5 C7	C5 C8	C8 C4	C8 C5	C8 C6	C8 C7	C9 C3	C9 C4	C9 C5
Location and Depth	**SPrAmPr-FHpSAPrS**	**SPrAmPr-FOSAPrS**	**EtOH-AmPr-FBSAPrS**	**EtOH-AmPr-FPeSAPrS**	**EtOH-AmPr-FHxSAPrS**	**EtOH-AmPr-FHpSAPrS**	**EtOH-AmPr-FPrSA-EtOH**	**EtOH-AmPr-FBSA-EtOH**	**EtOH-AmPr-FPeSA-EtOH**
Loc 11-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 11-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 11-35ft	198	ND	ND	ND	2,350	ND	ND	ND	ND
Loc12-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc12-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc12-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc12-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc24-5ft	ND	ND	ND	<LOQ	14,500	ND	ND	1,950	ND
Loc24-10t	ND	ND	7,500	27,500	192,500	ND	ND	ND	ND
Loc24-35ft	ND	ND	ND	ND	525	ND	ND	ND	ND
Loc24-50t	ND	ND	ND	ND	<LOQ	ND	ND	ND	ND
Loc25-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc25-10ft	ND	ND	ND	ND	5,750	ND	ND	ND	ND
Loc25-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc25-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 26-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc26-10ft	ND	ND	ND	ND	1,575	ND	ND	ND	ND

	C5 C7	C5 C8	C8 C4	C8 C5	C8 C6	C8 C7	C9 C3	C9 C4	C9 C5
Location and Depth	**SPrAmPr-FHpSAPrS**	**SPrAmPr-FOSAPrS**	**EtOH-AmPr-FBSAPrS**	**EtOH-AmPr-FPeSAPrS**	**EtOH-AmPr-FHxSAPrS**	**EtOH-AmPr-FHpSAPrS**	**EtOH-AmPr-FPrSA-EtOH**	**EtOH-AmPr-FBSA-EtOH**	**EtOH-AmPr-FPeSA-EtOH**
Loc26-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc26-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TR2A	ND	400	ND	ND	243	ND	<LOQ	675	2,475
TR2B	ND	300	ND	ND	180	ND	<LOQ	650	2,025
SW1	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW2	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW01_TOP	<LOQ	<LOQ	<LOQ	ND	ND	400	ND	ND	ND
PMW01_MID	<LOQ	400	ND	<LOQ	14,000	<LOQ	3,750	3,750	<LOQ
PMW02_TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW02_MID	<LOQ	ND	ND	<LOQ	<LOQ	ND	<LOQ	ND	ND
PMW03_TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW03_MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW04_TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW04_MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW05_TOP	<LOQ	ND	ND	ND	500	ND	ND	ND	<LOQ
PMW05_MID	<LOQ	ND	ND	ND	375	ND	ND	ND	<LOQ
PMW 6D-TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW-6D-MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW-07-TOP	ND	1,375	250	2,450	37,500	ND	ND	3,000	850
PMW-07-MID	ND	ND	ND	<LOQ	9,750	ND	ND	<LOQ	475
PMW-13-TOP	ND	ND	ND	ND	850	ND	ND	<LOQ	3,500
PMW-13-MID	ND	ND	ND	ND	825	ND	ND	1,575	6,250
PMW-14-TOP	ND	ND	ND	ND	<LOQ	ND	ND	ND	ND
PMW-14-MID	ND	ND	ND	ND	5,250	ND	ND	1,300	600

	C5 C7	C5 C8	C8 C4	C8 C5	C8 C6	C8 C7	C9 C3	C9 C4	C9 C5
Location and Depth	**SPrAmPr-FHpSAPrS**	**SPrAmPr-FOSAPrS**	**EtOH-AmPr-FBSAPrS**	**EtOH-AmPr-FPeSAPrS**	**EtOH-AmPr-FHxSAPrS**	**EtOH-AmPr-FHpSAPrS**	**EtOH-AmPr-FPrSA-EtOH**	**EtOH-AmPr-FBSA-EtOH**	**EtOH-AmPr-FPeSA-EtOH**
PMW-15D-TOP	ND	ND	ND	ND	575	ND	ND	ND	ND
PMW-15D-MID	ND	ND	ND	ND	<LOQ	ND	ND	ND	ND
TW-05-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 9/1/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C5 C7	C5 C8	C8 C4	C8 C5	C8 C6	C8 C7	C9 C3	C9 C4	C9 C5
Location and Depth	**SPrAmPr-FHpSAPrS**	**SPrAmPr-FOSAPrS**	**EtOH-AmPr-FBSAPrS**	**EtOH-AmPr-FPeSAPrS**	**EtOH-AmPr-FHxSAPrS**	**EtOH-AmPr-FHpSAPrS**	**EtOH-AmPr-FPrSA-EtOH**	**EtOH-AmPr-FBSA-EtOH**	**EtOH-AmPr-FPeSA-EtOH**
FB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-6	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-7	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-8	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-9	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-10	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-11	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-12	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-13	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-14	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-15	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-16	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C9 C6	C9 C7	C9 C8	C11 C4	C11 C5	C11 C6	C11 C7	C11 C8	C28 C4
Location and Depth	**EtOH-AmPr-FHxSA-EtOH**	**EtOH-AmPr-FHpSA-EtOH**	**EtOH-AmPr-FOSA-EtOH**	**EtOH-AmPr-FBSA**	**EtOH-AmPr-FPeSA**	**EtOH-AmPr-FHxSA**	**EtOH-AmPr-FHpSA**	**EtOH-AmPr-FOSA**	**EtOH-AmPr-FBSA-OHPrS**
Loc 1-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 2-5ft	1,350	ND	1,550	18,250	ND	18,000	ND	ND	ND
Loc 2-10ft	ND	ND	14,500	125,000	ND	52,500	ND	ND	ND
Loc 2-20ft	ND	ND	52,500	7,500	ND	7,250	ND	1,625	ND
Loc 2-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 3-5ft	180,000	ND	1,475	6,250	ND	175,000	ND	ND	ND
Loc 3-10ft	14,500	ND	82,500	35,000	45,000	83,750	ND	ND	ND
Loc 3-20ft	ND	ND	32,500	14,250	ND	13,750	ND	1,825	750
Loc 3-33ft	ND	ND	ND	950	ND	ND	ND	ND	ND
Loc 3-50ft	6,750	ND	ND	8,750	ND	35,000	ND	ND	ND
Loc 8-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 8-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 8-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 8-33ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 11-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C9 C6	C9 C7	C9 C8	C11 C4	C11 C5	C11 C6	C11 C7	C11 C8	C28 C4
Location and Depth	**EtOH-AmPr-FHxSA-EtOH**	**EtOH-AmPr-FHpSA-EtOH**	**EtOH-AmPr-FOSA-EtOH**	**EtOH-AmPr-FBSA**	**EtOH-AmPr-FPeSA**	**EtOH-AmPr-FHxSA**	**EtOH-AmPr-FHpSA**	**EtOH-AmPr-FOSA**	**EtOH-AmPr-FBSA-OHPrS**
Loc 11-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 11-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 11-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc12-5ft	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND
Loc12-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc12-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc12-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-5ft	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND
Loc13-10ft	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND
Loc13-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-5ft	ND	ND	ND	ND	ND	ND	ND	ND	<LOQ
Loc14_10ft	ND	ND	ND	ND	ND	<LOQ	ND	ND	ND
Loc14_20ft	<LOQ	ND	ND	ND	ND	<LOQ	ND	ND	ND
Loc14_35ft	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND
Loc14-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc24-5ft	3,000	ND	725	3,250	1,475	20,750	ND	ND	ND
Loc24-10t	7,000	ND	6,000	232,500	19,000	85,000	ND	ND	ND
Loc24-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc24-50t	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc25-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc25-10ft	ND	ND	1,650	2,425	675	4,250	ND	ND	ND
Loc25-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc25-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 26-5ft	ND	ND	ND	ND	ND	275	ND	ND	ND
Loc26-10ft	ND	ND	ND	750	475	4,000	ND	ND	ND

	C9 C6	C9 C7	C9 C8	C11 C4	C11 C5	C11 C6	C11 C7	C11 C8	C28 C4
Location and Depth	**EtOH-AmPr-FHxSA-EtOH**	**EtOH-AmPr-FHpSA-EtOH**	**EtOH-AmPr-FOSA-EtOH**	**EtOH-AmPr-FBSA**	**EtOH-AmPr-FPeSA**	**EtOH-AmPr-FHxSA**	**EtOH-AmPr-FHpSA**	**EtOH-AmPr-FOSA**	**EtOH-AmPr-FBSA-OHPrS**
Loc26-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc26-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TR2A	16,000	<LOQ	<LOQ	<LOQ	<LOQ	42,500	<LOQ	ND	ND
TR2B	15,500	<LOQ	<LOQ	<LOQ	<LOQ	40,000	<LOQ	ND	ND
SW1	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW2	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW01_TOP	ND	ND	<LOQ	1,400	ND	ND	5,000	ND	ND
PMW01_MID	140	900	1,075	5,000	4,000	35,000	ND	ND	ND
PMW02_TOP	ND	ND	ND	<LOQ	ND	<LOQ	ND	ND	ND
PMW02_MID	ND	ND	<LOQ	ND	ND	650	ND	ND	ND
PMW03_TOP	ND	ND	ND	ND	ND	<LOQ	ND	ND	ND
PMW03_MID	ND	ND	ND	ND	ND	148	ND	ND	ND
PMW04_TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW04_MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW05_TOP	<LOQ	ND	<LOQ	ND	ND	9,750	ND	ND	ND
PMW05_MID	<LOQ	ND	<LOQ	ND	ND	7,750	ND	ND	ND
PMW 6D-TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW-6D-MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW-07-TOP	ND	173	6,750	3,000	2,750	65,000	ND	ND	ND
PMW-07-MID	ND	ND	1,600	1,475	1,850	35,000	ND	ND	ND
PMW-13-TOP	20,750	ND	ND	ND	ND	60,000	ND	ND	ND
PMW-13-MID	37,500	ND	ND	ND	ND	115,000	ND	ND	ND
PMW-14-TOP	ND	ND	ND	ND	ND	900	ND	ND	ND
PMW-14-MID	ND	ND	475	1,125	400	19,000	ND	ND	ND

	C9 C6	C9 C7	C9 C8	C11 C4	C11 C5	C11 C6	C11 C7	C11 C8	C28 C4
Location and Depth	**EtOH-AmPr-FHxSA-EtOH**	**EtOH-AmPr-FHpSA-EtOH**	**EtOH-AmPr-FOSA-EtOH**	**EtOH-AmPr-FBSA**	**EtOH-AmPr-FPeSA**	**EtOH-AmPr-FHxSA**	**EtOH-AmPr-FHpSA**	**EtOH-AmPr-FOSA**	**EtOH-AmPr-FBSA-OHPrS**
PMW-15D-TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW-15D-MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 9/1/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C9 C6	C9 C7	C9 C8	C11 C4	C11 C5	C11 C6	C11 C7	C11 C8	C28 C4
Location and Depth	**EtOH-AmPr-FHxSA-EtOH**	**EtOH-AmPr-FHpSA-EtOH**	**EtOH-AmPr-FOSA-EtOH**	**EtOH-AmPr-FBSA**	**EtOH-AmPr-FPeSA**	**EtOH-AmPr-FHxSA**	**EtOH-AmPr-FHpSA**	**EtOH-AmPr-FOSA**	**EtOH-AmPr-FBSA-OHPrS**
FB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-6	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-7	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-8	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-9	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-10	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-11	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-12	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-13	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-14	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-15	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-16	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C28 C5	C28 C6	C31 C3	C31 C4	C31 C5	C31 C6	C33 C4	C33 C5	C33 C6
Location and Depth	**EtOH-AmPr-FPeSA-OHPrS**	**EtOH-AmPr-FHxSA-OHPrS**	**SPrAmPr-N-Me-FPrSA**	**SPrAmPr-N-Me-FBSA**	**SPrAmPr-N-Me-FPeSA**	**SPrAmPr-N-Me-FHxSA**	**S-OHPrAmPr-FBSAA**	**S-OHPrAmPr-FPeSAA**	**S-OHPrAmPr-FHxSAA**
Loc 1-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 1-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 2-5ft	ND	ND	ND	ND	ND	210	ND	ND	ND
Loc 2-10ft	ND	850	ND	ND	ND	4,750	ND	ND	300
Loc 2-20ft	20,750	22,250	ND	6,000	7,250	14,000	ND	ND	<LOQ
Loc 2-35ft	ND	ND	ND	ND	ND	ND	900	2,275	7,500
Loc 3-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 3-10ft	ND	4,500	ND	ND	ND	37,500	ND	ND	ND
Loc 3-20ft	97,500	40,000	ND	6,000	7,500	12,250	300	575	13,750
Loc 3-33ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 3-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 8-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 8-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 8-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 8-33ft	ND	ND	ND	ND	ND	ND	ND	ND	4,750
Loc 9-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 9-20ft	ND	ND	ND	ND	ND	ND	ND	ND	600
Loc 9-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10-35ft	ND	ND	ND	ND	ND	ND	625	1,225	14,000
Loc 11-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C28 C5	C28 C6	C31 C3	C31 C4	C31 C5	C31 C6	C33 C4	C33 C5	C33 C6
Location and Depth	**EtOH-AmPr-FPeSA-OHPrS**	**EtOH-AmPr-FHxSA-OHPrS**	**SPrAmPr-N-Me-FPrSA**	**SPrAmPr-N-Me-FBSA**	**SPrAmPr-N-Me-FPeSA**	**SPrAmPr-N-Me-FHxSA**	**S-OHPrAmPr-FBSAA**	**S-OHPrAmPr-FPeSAA**	**S-OHPrAmPr-FHxSAA**
Loc 11-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 11-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 11-35ft	ND	ND	ND	ND	ND	ND	650	1,275	10,250
Loc12-5ft	ND	ND	<LOQ	ND	ND	ND	ND	ND	ND
Loc12-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc12-20ft	ND	ND	ND	ND	ND	ND	ND	ND	<LOQ
Loc12-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc13-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14_35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc14-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-10ft	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-20ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc15-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc24-5ft	ND	<LOQ	ND	ND	ND	128	ND	ND	ND
Loc24-10t	ND	1,825	ND	ND	ND	7,000	ND	ND	ND
Loc24-35ft	ND	ND	ND	ND	ND	ND	1,225	1,300	3,500
Loc24-50t	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc25-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc25-10ft	ND	450	ND	ND	ND	ND	ND	ND	ND
Loc25-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc25-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 26-5ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc26-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C28 C5	C28 C6	C31 C3	C31 C4	C31 C5	C31 C6	C33 C4	C33 C5	C33 C6
Location and Depth	**EtOH-AmPr-FPeSA-OHPrS**	**EtOH-AmPr-FHxSA-OHPrS**	**SPrAmPr-N-Me-FPrSA**	**SPrAmPr-N-Me-FBSA**	**SPrAmPr-N-Me-FPeSA**	**SPrAmPr-N-Me-FHxSA**	**S-OHPrAmPr-FBSAA**	**S-OHPrAmPr-FPeSAA**	**S-OHPrAmPr-FHxSAA**
Loc26-35ft	ND	ND	ND	ND	ND	ND	625	325	ND
Loc26-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc16-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-10ft	ND	ND	29	ND	ND	ND	ND	ND	ND
Loc17-35ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc17-50ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TR2A	ND	ND	<LOQ	ND	<LOQ	<LOQ	ND	ND	ND
TR2B	ND	ND	ND	ND	<LOQ	<LOQ	ND	ND	ND
SW1	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW2	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW01_TOP	ND	ND	<LOQ	ND	ND	<LOQ	<LOQ	ND	ND
PMW01_MID	ND	<LOQ	ND	ND	625	203	ND	ND	ND
PMW02_TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW02_MID	ND	<LOQ	ND	ND	<LOQ	ND	ND	ND	ND
PMW03_TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW03_MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW04_TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW04_MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW05_TOP	ND	ND	ND	ND	5,500	ND	ND	ND	ND
PMW05_MID	ND	ND	ND	ND	3,250	ND	ND	ND	ND
PMW 6D-TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW-6D-MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW-07-TOP	ND	3,250	ND	ND	ND	2,500	ND	ND	ND
PMW-07-MID	ND	ND	ND	ND	ND	350	ND	ND	ND
PMW-13-TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW-13-MID	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW-14-TOP	ND	ND	ND	ND	ND	ND	ND	ND	ND
PMW-14-MID	ND	ND	ND	ND	ND	58	ND	ND	ND

	C28 C5	C28 C6	C31 C3	C31 C4	C31 C5	C31 C6	C33 C4	C33 C5	C33 C6
Location and Depth	**EtOH-AmPr-FPeSA-OHPrS**	**EtOH-AmPr-FHxSA-OHPrS**	**SPrAmPr-N-Me-FPrSA**	**SPrAmPr-N-Me-FBSA**	**SPrAmPr-N-Me-FPeSA**	**SPrAmPr-N-Me-FHxSA**	**S-OHPrAmPr-FBSAA**	**S-OHPrAmPr-FPeSAA**	**S-OHPrAmPr-FHxSAA**
PMW-15D-TOP	ND	ND	ND	ND	ND	ND	ND	<LOQ	2,100
PMW-15D-MID	ND	ND	ND	ND	ND	ND	475	1,225	4,000
TW-05-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-05-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-06-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-07-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-08-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-09-40ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-10ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-10-25ft	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB 9/1/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/22/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/23/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/24/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/25/17	ND	ND	ND	ND	ND	ND	ND	ND	ND

	C28 C5	C28 C6	C31 C3	C31 C4	C31 C5	C31 C6	C33 C4	C33 C5	C33 C6
Location and Depth	**EtOH-AmPr-FPeSA-OHPrS**	**EtOH-AmPr-FHxSA-OHPrS**	**SPrAmPr-N-Me-FPrSA**	**SPrAmPr-N-Me-FBSA**	**SPrAmPr-N-Me-FPeSA**	**SPrAmPr-N-Me-FHxSA**	**S-OHPrAmPr-FBSAA**	**S-OHPrAmPr-FPeSAA**	**S-OHPrAmPr-FHxSAA**
FB 8/30/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB 8/31/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2 7/24	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-1 7/23	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-3 7/25	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-4 7/26	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-6	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-7	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-8	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-9	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-10	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-11	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-12	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-13	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-14	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-15	ND	ND	ND	ND	ND	ND	ND	ND	ND
ER-16	ND	ND	ND	ND	ND	ND	ND	ND	ND

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045
Loc17-10																
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ									
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ
Loc17-10																	
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ										
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

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LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

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Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

GSI Job No. 4500
Issued: 11 June 2019

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 1-1.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.18	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	7.8
Loc 1-9ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.068	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-17.5ft	<LOQ	<LOQ	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.28	<LOQ	1.4
Loc 1-19.5ft	<LOQ	0.22	0.23	<LOQ	0.33	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.027	0.018	0.43	<LOQ	2.1
Loc 1, 20.5 ft		<LOQ	0.13	<LOQ	0.41	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Loc 1-21.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-23.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 1-27.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.048	<LOQ	<LOQ
Loc 1-30.5ft	<LOQ	<LOQ	0.15	<LOQ	0.56	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.012	0.28	<LOQ	<LOQ
Loc 1-34.5ft	<LOQ	1.8	2.5	0.87	6.6	0.12	0.064	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.78	0.56	7.9	0.69	16
Loc 2-1.5ft		<LOQ	<LOQ	0.19	0.57	1.7	0.16	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	0.051	490
Loc 2-9.5ft		<LOQ	1.6	0.35	0.97	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	<LOQ	46
Loc 2-12ft		2.6	5.2	0.67	3.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.61	0.15	1	5.2	0.12	71
Loc 2-13ft		15	27	2.9	18	0.082	0.34	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.57	1.8	0.91	6.9	0.47	120
Loc 2-14ft		10	16	2	12	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.29	0.059	0.65	4.9	0.21	130
Loc 2-15ft		7.4	9.9	1.9	8.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.022	0.28	3.5	0.084	91
Loc 2-16ft		5.2	7	1.2	6.2	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.021	0.28	3.1	0.11	69
Loc 2-22.5ft		3.7	5.4	1.1	4.7	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.018	0.36	3.3	0.16	55
Loc 2-25.5ft		4.2	6.7	1.6	7.8	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.3	0.081	2.3	14	0.98	180
Loc 2-33.5ft		5.8	8.9	2.1	15	0.85	0.23	<LOQ	<LOQ		<LOQ	<LOQ	1.6	0.3	6.4	29	2.1	190
Loc 3-1.5ft	1.9	<LOQ	0.82	0.39	1.2	2	0.5	0.14	0.087	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	1.4	0.097	260
Loc 3-9.5ft	1	<LOQ	3.5	0.74	3.1	<LOQ	1.3	0.63	<LOQ	<LOQ	<LOQ	<LOQ		0.11	0.08	2.1	0.17	690
Loc 3-12ft	2.7	2.7	6.1	0.49	4	<LOQ	1.3	0.063	<LOQ	<LOQ	<LOQ	<LOQ		0.41	0.18	4.2	0.1	540
Loc 3-13ft	18	8.9	18	1.1	5.9	<LOQ	0.85	0.046	<LOQ	<LOQ	<LOQ	<LOQ		5.4	2.2	15	0.082	300
Loc 3-14ft	12	7	24	1.3	5.6	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		7.7	3.6	29	0.11	490
Loc 3-15ft	2	<LOQ	9.4	0.7	<LOQ	<LOQ	3	0.079	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.22	4.1	0.31	1100
Loc 3-16ft	4.4	5.1	9.8	1.4	18	0.22	0.96	0.035	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.48	5.7	1.5	480
Loc 3-23ft	4.1	7.7	14	2.3	24	0.26	0.29	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.9	1.3	14	4.8	330
Loc 3-27.5ft	13	24	64	11	58	0.73	0.51	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		27	19	160	24	450
Loc 3-34.5ft	7.9	17	60	11	170	1.1	0.66	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		24	17	140	15	290
Loc 3-49.5ft	0.94	1.9	3.2	0.78	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.28	0.15	1.2	0.067	3.1
Loc 4-Surface So	0.59	0.5	0.63	0.25	0.56	0.15	0.27	0.85	0.31	<LOQ	<LOQ	<LOQ	<LOQ	0.026	0.022	0.5	0.032	11
Loc 5-Surface So	0.34	0.22	0.47	0.12	0.64	0.28	0.41	0.63	0.6	0.1	<LOQ	<LOQ	<LOQ	0.058	0.069	2	0.21	12
Loc 6-Surface So	<LOQ	0.42	0.5	0.25	1.2	0.55	0.36	0.72	0.5	0.21	<LOQ	<LOQ	<LOQ	0.19	0.12	2.8	0.21	37
Loc 7-Surface So	<LOQ	0.24	0.3	0.19	0.58	0.36	1.9	0.81	0.4	0.079	<LOQ	<LOQ	<LOQ	<LOQ	0.0081	0.63	0.049	29
Loc 8-1.5ft		0.83	2.7	0.71	5.5	5.9	1.4	0.63	0.37		<LOQ	<LOQ	0.3	0.12	20	57	4.5	3500
Loc 8-9.5ft		<LOQ	0.46	<LOQ	0.43	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.023	0.28	2.5	0.1	35
Loc 8-14.5ft		0.67	1.9	0.43	0.93	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.56	0.13	2.1	12	0.38	46
Loc 8-28.5ft		6.3	16	2	18	<LOQ	0.32	<LOQ	<LOQ		<LOQ	<LOQ	1.9	0.28	5.8	25	2.2	180
Loc 8-34.5ft		17	59	12	536.24	0.83	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	7.7	1.6	35	160	6.3	41
Loc 9-1.5ft	<LOQ	0.49	1.2	0.32	1.2	0.24	0.66	4.7	1	0.6	<LOQ	<LOQ	0.097	0.32	0.33	6	0.48	40
Loc 9-9.5ft	1.1	2.4	7.9	1.3	5.8	0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.84	3.3	4.1	54	2.4	33

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 9-13ft	1.5	3.3	9.1	1.3	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.1	4.1	4	42	1.3	6.5
Loc 9-14ft	1.6	2.8	7.9	0.9	7.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1	3.4	3	27	1.4	6.9
Loc 9-15ft	2.4	4.6	12	1.7	36	0.37	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.4	2.5	29	2.1	34
Loc 9-16ft	2.4	5.7	14	2.1	47	0.69	0.07	0.024	<LOQ	<LOQ	<LOQ	<LOQ	1.4	3.5	2.5	31	2.5	64
Loc 9-17ft	2.7	5.1	12	1.7	25	0.81	0.081	0.03	<LOQ	<LOQ	<LOQ	<LOQ	1.2	2.9	2.3	25	2.1	70
Loc 9-24.5ft	4.9	12	31	5.6	130	0.68	0.44	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2	5.6	4.3	47	3.5	96
Loc 9-28.5ft	8.2	35	98	21	520	0.97	0.3	0.025	<LOQ	<LOQ	<LOQ	<LOQ	2.2	7.6	5.1	70	1.8	45
Loc 9-30.5ft	8.4	23	64	17	490	0.36	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	0.82	3	2	32	0.3	1.7
Loc 10-1.5ft	<LOQ	<LOQ	<LOQ	0.19	0.45	<LOQ	0.25	0.86	0.82	0.14	<LOQ	<LOQ	<LOQ	0.046	<LOQ	1.2	0.061	19
Loc 10-9.5ft	1.3	2.2	7.3	1	6.7	0.5	<LOQ	0.032	<LOQ	<LOQ	<LOQ	<LOQ	0.97	2.7	2.9	30	2.3	73
Loc 10-13ft	2.2	4.8	11	1.4	6	1.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	3	32	3	150
Loc 10-14ft	2.4	4	11	1.3	8.7	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.7	3.8	2.8	30	3.5	140
Loc 10-15ft	2.8	4.7	14	1.6	12	0.87	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.6	3.7	35	3.7	110
Loc 10-16ft	2.4	4.9	12	1.6	8.9	1	<LOQ	0.025	<LOQ	<LOQ	<LOQ	<LOQ	1.9	4.5	3.4	32	2.6	110
Loc 10-17ft	2.5	5.3	13	1.8	5.9	1	<LOQ	0.024	<LOQ	<LOQ	<LOQ	<LOQ	2.2	5.6	4.1	36	2.5	95
Loc 10-21.5ft	2.9	8.6	22	3.2	9.9	1.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.2	9.6	8.2	80	5.3	110
Loc 10-27.5ft	2.5	5.2	13	2	12	0.36	0.35	0.03	<LOQ	<LOQ	<LOQ	<LOQ	2	5	3.4	37	2.5	120
Loc 10-31ft	8.2	21	71	13	340	0.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	5.1	13	9.3	110	3.8	12
Loc 11-1.5ft	1.1	0.84	1.3	0.54	2.4	2.5	0.083	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.039	1	0.17	83
Loc 11-9.5ft	0.54	0.18	<LOQ	<LOQ	0.74	0.19	0.14	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.021	0.53	0.18	17
Loc 11-13ft	0.4	0.23	<LOQ	<LOQ	0.28	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.047	0.097	1.2	0.041	5.6
Loc 11-14ft	0.45	0.21	0.43	<LOQ	0.32	0.084	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.073	0.1	1	0.059	9.2
Loc 11-15ft	0.61	0.43	1	0.17	1.4	0.1	0.065	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.072	0.22	0.27	3	0.19	12
Loc 11-16ft	0.76	0.49	1.3	0.26	1.8	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.1	0.31	0.39	3.6	0.17	12
Loc 11-17ft	0.81	0.54	1.7	0.21	0.46	0.09	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.13	0.36	0.38	3.5	0.13	8.2
Loc 11-21.5ft	0.89	0.95	2.7	0.54	1.1	0.11	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.81	1.2	9.8	0.22	12
Loc 11-27.5ft	3	5.2	24	2.4	19	0.36	0.13	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.5	4	7	45	2.7	94
Loc 11-30.5ft	5.8	10	52	8.4	230	0.44	0.063	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.8	10	11	120	3.5	8.1
Loc 12-1.5ft	0.85	0.71	1.4	0.4	2	0.28	0.097	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.21	0.73	0.86	8.3	0.28	38
Loc 12-9.5ft	1.2	1.2	3.9	0.56	2.5	0.37	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.43	1.1	1.7	15	0.99	69
Loc 12-14.5ft	1.1	1.9	7.1	0.86	11	0.12	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.7	1.7	1.8	19	0.98	12
Loc 12-34.5ft	3.2	6.9	42	6.9	220	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.4	4.5	5.8	78	1.6	4.4
Loc 13-1.5ft	<LOQ	<LOQ	0.85	0.26	2.6	0.21	<LOQ	0.11	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.2	3.4	0.28	7.2
Loc 13-9.5ft	<LOQ	<LOQ	<LOQ	0.13	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.72	0.36	4.2	0.049	<LOQ
Loc 13-12.5ft	<LOQ	<LOQ	0.91	0.17	5.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.95	0.44	6	0.022	<LOQ
Loc 13-14ft	<LOQ	<LOQ	<LOQ	0.14	3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.32	0.17	2.2	<LOQ	<LOQ
Loc 13-15.5ft	<LOQ	<LOQ	0.95	0.25	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.028	<LOQ		0.68	0.34	4.5	0.015	<LOQ
Loc 13-18.5ft	<LOQ	<LOQ	1	0.16	3.9	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.57	0.32	3.8	0.042	<LOQ
Loc 13-20.5ft	<LOQ	<LOQ	3.7	0.55	11	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.76	0.44	5.4	0.079	0.65
Loc 13-25.5ft	<LOQ	<LOQ	7.2	1.1	31	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.1	0.55	9.8	0.2	2
Loc 13-28.5ft	<LOQ	<LOQ	6.2	0.99	26	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.64	0.33	5.9	0.038	<LOQ
Loc 13-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.087	<LOQ	<LOQ
Loc 14-1.5ft	1.4	<LOQ	1.3	0.39	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.59	0.36	3.1	0.086	0.74
Loc 14-9.5ft	0.7	<LOQ	0.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.27	0.13	0.81	0.017	<LOQ
Loc 14-12.5ft	<LOQ	<LOQ	0.46	<LOQ	1.1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.52	0.16	0.56	<LOQ	<LOQ

DATA FOR ALL PFAS ANALYTES IN SOIL (NG/G) AT NAS JACKSONVILLE, FL

LOC	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
Loc 14-13.5ft	<LOQ	<LOQ	0.53	0.077	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.42	0.15	0.48	<LOQ	<LOQ
Loc 14-14.5ft	<LOQ	<LOQ	0.39	0.072	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.29	0.092	0.43	<LOQ	<LOQ
Loc 14-15.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.17	0.062	0.38	<LOQ	<LOQ
Loc 14-16.5ft	<LOQ	<LOQ	<LOQ	0.045	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.091	0.032	0.24	<LOQ	0.45
Loc 14-34.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 14-49.5ft	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 15-1.5ft	<LOQ	<LOQ	0.99	0.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.21	0.15	1.7	0.015	0.88
Loc 15-9.5ft	<LOQ	<LOQ	<LOQ	0.17	1.8	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.072	0.048	1.6	0.48	5.3
Loc 15-15.5ft	<LOQ	<LOQ	1.9	0.26	2.3	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.83	0.5	6.1	0.23	5.6
Loc 15-18.5ft	<LOQ	2.4	4.3	0.94	9.2	0.23	<LOQ	<LOQ	<LOQ	<LOQ	0.014	<LOQ		1.3	0.97	12	0.74	41
Loc 15-19.5ft	<LOQ	<LOQ	4.6	0.74	8.2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.3	0.86	11	0.66	28
Loc 15-20.5ft	<LOQ	<LOQ	4.4	0.7	7.5	0.17	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.2	0.81	9.6	0.51	16
Loc 15-24.5ft	<LOQ	<LOQ	2.4	0.48	4	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.49	0.29	3.6	0.11	1.6
Loc 15-25.5ft	<LOQ	<LOQ	1.3	0.2	1.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		0.19	0.12	1.4	0.041	<LOQ
Loc 15-28.5ft	<LOQ	3.1	9.5	1.5	20	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		1.8	1.2	18	0.75	4
Loc 15-31.5ft	<LOQ	6.7	25	3.8	67	0.22	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		4.5	3.5	50	2.3	11
Loc16-1		1.360	0.546	0.391	0.550	0.292	0.046	0.032	<LOQ	<LOQ	<LOQ		<LOQ	0.032	<LOQ	0.313	<LOQ	0.569
Loc16-3		1.041	0.087	<LOQ	0.295	0.115	0.043	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.070	<LOQ	0.762
Loc16-10		<LOQ	0.108	<LOQ	0.180	0.086	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc16-35		<LOQ	0.386	0.142	17.428	0.119	0.026	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.029	0.026	0.303	<LOQ	0.564
Loc16-50		<LOQ	0.137	<LOQ	<LOQ	0.098	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-1		<LOQ	0.121	<LOQ	1.274	0.162	9.304	0.706	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.041	<LOQ	8.004
Loc17-3		<LOQ	0.087	<LOQ	1.454	0.201	0.339	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.045	<LOQ	1.978
Loc17-10																		
Loc17-35A		1.685	0.090	<LOQ	<LOQ	0.242	0.038	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35B		<LOQ	<LOQ	<LOQ	<LOQ	0.073	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17-35C		<LOQ	<LOQ	<LOQ	<LOQ	0.144	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc17 -35 average		<LOQ	<LOQ		<LOQ	0.153	<LOQ											
Loc17-50		1.318	<LOQ	<LOQ	<LOQ	0.205	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Loc 24, 0.5 ft		1.61	0.49	0.23	0.75	1.21	0.17	<LOQ	0.03	<LOQ	<LOQ		<LOQ	<LOQ	0.02	0.95	0.07	**284.42**
Loc 24, 2.5 ft		1.39	1.00	0.31	1.58	1.31	0.33	0.17	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	0.03	1.55	0.18	**344.67**
Loc 25, 0.5 ft		7.95	19.31	14.83	**370.27**	37.33	2.75	0.48	0.08	<LOQ	<LOQ		<LOQ	8.62	17.16	**811.61**	87.56	**1539.18**
Loc 25, 2.5 ft		1.43	1.97	0.24	3.89	2.24	0.30	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	0.50	0.55	15.29	2.14	**348.49**
Loc 26, 0.5 ft		2.52	9.06	0.81	5.03	9.08	1.71	0.19	0.18	<LOQ	<LOQ		<LOQ	1.66	4.11	44.61	4.66	**1617.73**
Loc 26, 2.5 ft		4.56	9.25	2.67	38.90	40.63	4.27	<LOQ	<LOQ	<LOQ	<LOQ		0.68	2.19	7.02	96.66	32.45	**3859.57**
Dup 1		0.21	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ		<LOQ	<LOQ	<LOQ	0.04	<LOQ	<LOQ
Dup 2		<LOQ	2.57	0.47	3.05	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			1.21	0.70	7.08	0.24	6.47
Dup 3		5.97	16.21	2.36	7.17	0.97	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ			7.68	6.30	59.06	3.24	86.40
Dup 4		27.42	79.75	13.17	76.89	1.01	0.63	<LOQ	<LOQ	<LOQ	<LOQ			36.94	26.29	216.24	33.54	**438.56**

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TABLE 3
GROUNDWATER SAMPLING RESULTS: TOTAL FLUORINE

Naval Air Station Jacksonville
Jacksonville, Florida

Total Fluorine by PIGE Analysis				
SAMPLE LOCATION	SAMPLE DEPTH (FT)	SAMPLE DATE	TOTAL FLUORINE (PPB)	ERROR (+/-)
Location 1				
Loc1	5	9/17/2017	33.0	14.6
Loc1	10	9/17/2017	32.6	14.8
Loc1	20	9/17/2017	8.5	13.0
Loc1	35	9/17/2017	131.8	21.5
Location 2				
Loc2	5	9/17/2017	55.5	16.0
Loc2	10	9/17/2017	82.2	18.2
Loc2	20	9/17/2017	384.2	44.8
Loc2	33	9/17/2017	388.2	45.0
Location 3				
Loc3	5	9/17/2017	82.9	18.1
Loc3	10	9/17/2017	331.3	40.1
Loc3	20	9/17/2017	529.6	58.8
Loc3	33	9/17/2017	898.8	95.2
Loc3	50	9/17/2017	140.8	22.7
Location 8				
Loc8	5	9/17/2017	72.5	18.3
Loc8	10	9/17/2017	--	--
Loc8	20	9/17/2017	145.9	23.2
Loc8	33	9/17/2017	--	--
Location 9				
Loc9	5	8/28/2017	38.8	11.6
Loc9	10	8/28/2017	81.8	14.7
Loc9	20	8/28/2017	190.7	22.3
Loc9	35	8/28/2017	68.9	13.3
Location 10				
Loc10	5	8/28/2017	23.9	10.3
Loc10	10	8/28/2017	150.9	18.9
Loc10	20	8/28/2017	215.9	24.5
Loc10	35	8/28/2017	127.0	18.7
Location 11				
Loc11	5	8/28/2017	53.4	12.6
Loc11	10	8/28/2017	47.6	13.7
Loc11	20	8/28/2017	61.1	12.9
Loc11	31	9/17/2017	642.3	69.9

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TABLE 3
GROUNDWATER SAMPLING RESULTS: TOTAL FLUORINE

Naval Air Station Jacksonville
Jacksonville, Florida

Total Fluorine by PIGE Analysis				
SAMPLE LOCATION	SAMPLE DEPTH (FT)	SAMPLE DATE	TOTAL FLUORINE (PPB)	ERROR (+/-)
Location 12				
Loc12	5	9/17/2017	69.6	17.6
Loc12	10	9/17/2017	131.4	22.3
Loc12	20	9/17/2017	151.4	23.7
Loc12	35	9/17/2017	--	--
Location 13				
Loc13	5	8/28/2017	17.8	9.9
Loc13	10	8/28/2017	32.1	10.4
Loc13	20	8/28/2017	42.6	12.2
Loc13	35	8/28/2017	22.5	11.3
Location 14				
Loc14	5	9/17/2017	16.6	14.5
Loc14	10	9/17/2017	51.1	16.3
Loc14	20	9/17/2017	23.2	14.6
Loc14	35	9/17/2017	52.3	16.0
Loc14	50	9/17/2017	28.9	15.8
Location 15				
Loc15	5	8/28/2017	42.1	12.6
Loc15	10	8/28/2017	25.7	10.4
Loc15	20	8/28/2017	43.7	11.7
Loc15	35	8/28/2017	27.0	11.1

APPENDIX D: PT MUGU

D.1 Soil Adsorption Coefficients and Retardation Factors

D.2 HPT and Boring Logs

D.3 Groundwater Field Parameters

D.4 VOCs and Soil

D.5 PFAS Results

D.1 Soil Adsorption Coefficients and Retardation Factors

GSI ENVIRONMENTAL

Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFBA	PFBA	PFBA	PFBA	PFBA
L5	10	11.5	CL	0.0091	<LOD	<LOD			
L5	34.5	35	CL	0.0184	<LOD	130			
L8	18	19	CL	0.001	<LOD	320			
		Geomean (CL)							
L8	12.5	13	ML	0.0087	<LOD	550			
L6	23.5	23	SC	0.001	<LOD	<LOQ			
L7	7	6	SM	0.0054	<LOD	<LOD			
L9	9	8	SM/CL	0.0145	<LOD	38			
L9	13	12	SM/CL	0.001	<LOD	<LOD			
L1	10.5	10	SP	0.001	<LOD	20			
L1	18	17	SP	0.001	<LOD	40			
L1	25	24	SP	0.001	<LOD	41			
L2	25	24	SP	0.001	<LOD	1200			
L3	12	13	SP	0.0024	<LOD	7000			
L3	20	20	SP	0.001	<LOD	370			
L5	25	27	SP	0.0021	<LOD	2300			
L5	46.5	44	SP	0.001	<LOD	<LOD			
L9	34	34	SP	0.0024	<LOD	23			
		Geomean (SP)							

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Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFPeA	PFPeA	PFPeA	PFPeA	PFPeA
L5	10	11.5	CL	0.0091	6.27	38000	0.2	18.1	1
L5	34.5	35	CL	0.0184	<LOD	300			
L8	18	19	CL	0.001	<LOD	110			
		Geomean (CL)							
L8	12.5	13	ML	0.0087	<LOD	230			
L6	23.5	23	SC	0.001	<LOD	10000			
L7	7	6	SM	0.0054	<LOD	<LOD			
L9	9	8	SM/CL	0.0145	<LOD	28			
L9	13	12	SM/CL	0.001	<LOD	<LOD			
L1	10.5	10	SP	0.001	<LOD	26			
L1	18	17	SP	0.001	<LOD	72			
L1	25	24	SP	0.001	<LOD	51			
L2	25	24	SP	0.001	<LOD	4200			
L3	12	13	SP	0.0024	2.79	21000	0.1	55.4	2
L3	20	20	SP	0.001	<LOD	150			
L5	25	27	SP	0.0021	<LOD	3100			
L5	46.5	44	SP	0.001	2.68	<LOQ			
L9	34	34	SP	0.0024	<LOD	24			
		Geomean (SP)							

GSI ENVIRONMENTAL

Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFHxA	PFHxA	PFHxA	PFHxA	PFHxA
L5	10	11.5	CL	0.0091	15.47	93000	0.2	18.3	1
L5	34.5	35	CL	0.0184	0.48	770	0.6	33.9	3
L8	18	19	CL	0.001	<LOD	310			
		Geomean (CL)					***0.3***	***24.9***	***1.9***
L8	12.5	13	ML	0.0087	<LOD	560			
L6	23.5	23	SC	0.001	<LOD	10000			
L7	7	6	SM	0.0054	<LOD	0			
L9	9	8	SM/CL	0.0145	<LOD	24			
L9	13	12	SM/CL	0.001	<LOD	27			
L1	10.5	10	SP	0.001	0.38	0			
L1	18	17	SP	0.001	<LOD	43			
L1	25	24	SP	0.001	<LOD	54			
L2	25	24	SP	0.001	1.48	6200	0.2	238.5	2
L3	12	13	SP	0.0024	3.24	31000	0.1	43.6	1
L3	20	20	SP	0.001	<LOD	310			
L5	25	27	SP	0.0021	7.31	6000	1.2	580.4	7
L5	46.5	44	SP	0.001	3.32	31	107.1	107053.1	494
L9	34	34	SP	0.0024	<LOD	0			
		Geomean (SP)					***1.34***	***896.50***	***10.04***

GSI ENVIRONMENTAL

Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFHpA	PFHpA	PFHpA	PFHpA	PFHpA
L5	10	11.5	CL	0.0091	3.11	7600	0.4	45.0	2
L5	34.5	35	CL	0.0184	<LOD	170			
L8	18	19	CL	0.001	<LOD	54			
		Geomean (CL)							
L8	12.5	13	ML	0.0087	<LOD	96			
L6	23.5	23	SC	0.001	<LOD	10000			
L7	7	6	SM	0.0054	<LOD	<LOQ			
L9	9	8	SM/CL	0.0145	<LOD	<LOQ			
L9	13	12	SM/CL	0.001	<LOD	<LOQ			
L1	10.5	10	SP	0.001	<LOD	<LOQ			
L1	18	17	SP	0.001	<LOD	34			
L1	25	24	SP	0.001	<LOD	<LOQ			
L2	25	24	SP	0.001	0.34	1400	0.2	245.8	2
L3	12	13	SP	0.0024	0.65	3400	0.2	80.2	2
L3	20	20	SP	0.001	<LOD	78			
L5	25	27	SP	0.0021	1.34	1100	1.2	578.9	7
L5	46.5	44	SP	0.001	0.55	<LOQ			
L9	34	34	SP	0.0024	<LOD	<LOD			
		Geomean (SP)					***0.39***	***225.14***	***2.98***

GSI ENVIRONMENTAL

Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFOA	PFOA	PFOA	PFOA	PFOA
L5	10	11.5	CL	0.0091	41.42	150000	0.3	30.3	2
L5	34.5	35	CL	0.0184	<LOD	1100			
L8	18	19	CL	0.001	<LOD	480			
		Geomean (CL)							
L8	12.5	13	ML	0.0087	<LOD	930			
L6	23.5	23	SC	0.001	<LOD	9900			
L7	7	6	SM	0.0054	<LOD	<LOQ			
L9	9	8	SM/CL	0.0145	<LOD	11			
L9	13	12	SM/CL	0.001	<LOD	13			
L1	10.5	10	SP	0.001	<LOD	<LOD			
L1	18	17	SP	0.001	<LOD	53			
L1	25	24	SP	0.001	<LOD	24			
L2	25	24	SP	0.001	2.35	6200	0.4	379.4	3
L3	12	13	SP	0.0024	2.07	24000	0.1	35.9	1
L3	20	20	SP	0.001	1.95	920	2.1	2116.9	11
L5	25	27	SP	0.0021	8.06	3900	2.1	983.7	11
L5	46.5	44	SP	0.001	4.52	130	34.8	34784.3	161
L9	34	34	SP	0.0024	<LOD	<LOD			
		Geomean (SP)					***1.38***	***997.51***	***9.31***

GSI ENVIRONMENTAL

Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFNA	PFNA	PFNA	PFNA	PFNA
L5	10	11.5	CL	0.0091	0.64	630	1.0	111.7	3
L5	34.5	35	CL	0.0184	<LOD	<LOQ			
L8	18	19	CL	0.001	<LOD	<LOQ			
		Geomean (CL)							
L8	12.5	13	ML	0.0087	<LOD	14			
L6	23.5	23	SC	0.001	<LOD	130			
L7	7	6	SM	0.0054	<LOD	<LOD			
L9	9	8	SM/CL	0.0145	<LOD	<LOD			
L9	13	12	SM/CL	0.001	<LOD	<LOD			
L1	10.5	10	SP	0.001	<LOD	<LOD			
L1	18	17	SP	0.001	<LOD	<LOD			
L1	25	24	SP	0.001	<LOD	<LOD			
L2	25	24	SP	0.001	<LOD	<LOD			
L3	12	13	SP	0.0024	0.15	140	1.1	458.3	6
L3	20	20	SP	0.001	<LOD	<LOQ			
L5	25	27	SP	0.0021	<LOD	<LOD			
L5	46.5	44	SP	0.001	<LOD	<LOD			
L9	34	34	SP	0.0024	<LOD	<LOD			
		Geomean (SP)							

GSI ENVIRONMENTAL

Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFDA	PFDA	PFDA	PFDA	PFDA
L5	10	11.5	CL	0.0091	<LOD	<LOD			
L5	34.5	35	CL	0.0184	<LOD	<LOD			
L8	18	19	CL	0.001	<LOD	<LOD			
		Geomean (CL)							
L8	12.5	13	ML	0.0087	<LOD	<LOD			
L6	23.5	23	SC	0.001	<LOD	<LOD			
L7	7	6	SM	0.0054	<LOD	<LOD			
L9	9	8	SM/CL	0.0145	<LOD	<LOD			
L9	13	12	SM/CL	0.001	<LOD	<LOD			
L1	10.5	10	SP	0.001	<LOD	<LOD			
L1	18	17	SP	0.001	<LOD	<LOD			
L1	25	24	SP	0.001	<LOD	<LOD			
L2	25	24	SP	0.001	<LOD	<LOD			
L3	12	13	SP	0.0024	<LOD	<LOD			
L3	20	20	SP	0.001	<LOD	<LOD			
L5	25	27	SP	0.0021	<LOD	<LOD			
L5	46.5	44	SP	0.001	<LOD	<LOD			
L9	34	34	SP	0.0024	<LOD	<LOD			
		Geomean (SP)							

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Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFBS	PFBS	PFBS	PFBS	PFBS
L5	10	11.5	CL	0.0091	4.55	23000	0.2	21.7	1
L5	34.5	35	CL	0.0184	0.13	250	0.5	27.6	2
L8	18	19	CL	0.001	<LOD	82			
		Geomean (CL)					***0.3***	***24.5***	***1.8***
L8	12.5	13	ML	0.0087	<LOD	160			
L6	23.5	23	SC	0.001	<LOD	9900			
L7	7	6	SM	0.0054	<LOD	<LOD			
L9	9	8	SM/CL	0.0145	<LOD	<LOQ			
L9	13	12	SM/CL	0.001	<LOD	<LOD			
L1	10.5	10	SP	0.001	0.14	0			
L1	18	17	SP	0.001	<LOD	15			
L1	25	24	SP	0.001	<LOD	<LOQ			
L2	25	24	SP	0.001	0.42	1900	0.2	220.8	2
L3	12	13	SP	0.0024	0.77	3600	0.2	89.0	2
L3	20	20	SP	0.001	0.06	94	0.7	654.7	4
L5	25	27	SP	0.0021	2.41	4100	0.6	280.2	4
L5	46.5	44	SP	0.001	1.28	<LOQ			
L9	34	34	SP	0.0024	<LOD	<LOD			
		Geomean (SP)					***0.37***	***245.03***	***2.78***

GSI ENVIRONMENTAL

Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFPeS	PFPeS	PFPeS	PFPeS	PFPeS
L5	10	11.5	CL	0.0091	4.40	35000	0.1	13.8	1
L5	34.5	35	CL	0.0184	<LOD	350			
L8	18	19	CL	0.001	<LOD	100			
		Geomean (CL)							
L8	12.5	13	ML	0.0087	<LOD	140			
L6	23.5	23	SC	0.001	<LOD	10000			
L7	7	6	SM	0.0054	<LOD	<LOD			
L9	9	8	SM/CL	0.0145	<LOD	12			
L9	13	12	SM/CL	0.001	<LOD	<LOD			
L1	10.5	10	SP	0.001	<LOD	<LOQ			
L1	18	17	SP	0.001	<LOD	20			
L1	25	24	SP	0.001	<LOD	12			
L2	25	24	SP	0.001	<LOD	2600			
L3	12	13	SP	0.0024	0.93	4300	0.2	90.2	2
L3	20	20	SP	0.001	0.11	150	0.7	714.1	4
L5	25	27	SP	0.0021	2.27	4400	0.5	245.8	3
L5	46.5	44	SP	0.001	1.18	18	65.8	65779.9	304
L9	34	34	SP	0.0024	<LOD	<LOD			
		Geomean (SP)					***1.51***	***1010.07***	***9.68***

GSI ENVIRONMENTAL

Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFHxS	PFHxS	PFHxS	PFHxS	PFHxS
L5	10	11.5	CL	0.0091	42.69	190000	0.2	24.7	2
L5	34.5	35	CL	0.0184	0.66	1500	0.4	24.0	2
L8	18	19	CL	0.001	<LOD	550			
		Geomean (CL)					***0.3***	***24.3***	***1.8***
L8	12.5	13	ML	0.0087	<LOD	930			
L6	23.5	23	SC	0.001	<LOD	10000			
L7	7	6	SM	0.0054	<LOD	<LOQ			
L9	9	8	SM/CL	0.0145	<LOD	71			
L9	13	12	SM/CL	0.001	<LOD	42			
L1	10.5	10	SP	0.001	0.47	11	42.7	42700.8	198
L1	18	17	SP	0.001	<LOD	120			
L1	25	24	SP	0.001	<LOD	39			
L2	25	24	SP	0.001	3.21	9500	0.3	337.9	3
L3	12	13	SP	0.0024	5.10	40000	0.1	53.1	2
L3	20	20	SP	0.001	1.46	1000	1.5	1462.5	8
L5	25	27	SP	0.0021	14.19	24000	0.6	281.5	4
L5	46.5	44	SP	0.001	7.96	150	53.1	53051.5	245
L9	34	34	SP	0.0024	<LOD	<LOD			
		Geomean (SP)					***2.09***	***1599.26***	***13.35***

GSI ENVIRONMENTAL

Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

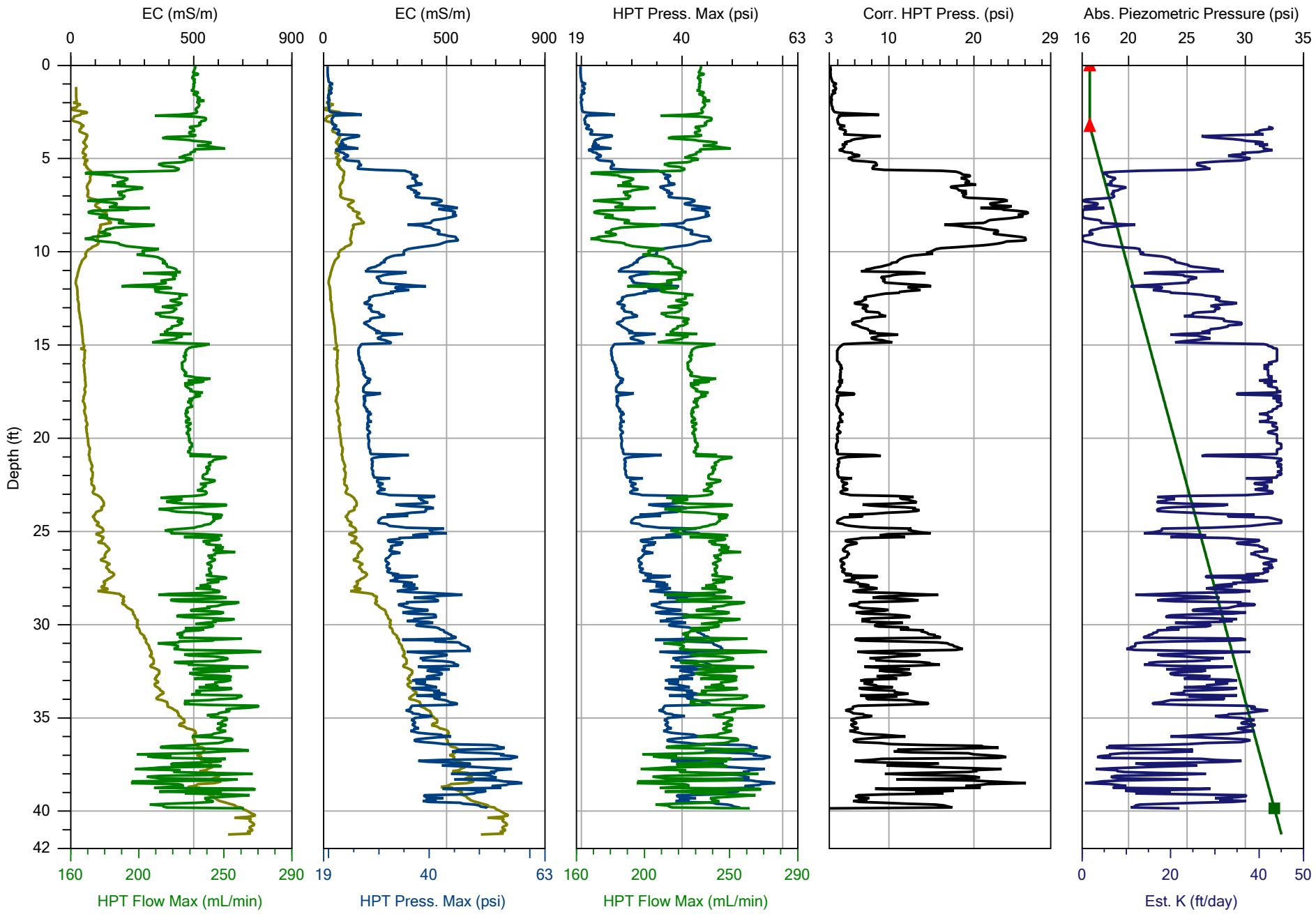
					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFHpS	PFHpS	PFHpS	PFHpS	PFHpS
L5	10	11.5	CL	0.0091	2.04	7400	0.3	30.3	2
L5	34.5	35	CL	0.0184	<LOD	41			
L8	18	19	CL	0.001	<LOD	<LOQ			
		Geomean (CL)							
L8	12.5	13	ML	0.0087	<LOD	27			
L6	23.5	23	SC	0.001	<LOD	2700			
L7	7	6	SM	0.0054	<LOD	<LOD			
L9	9	8	SM/CL	0.0145	<LOD	<LOD			
L9	13	12	SM/CL	0.001	<LOD	<LOD			
L1	10.5	10	SP	0.001	<LOD	<LOD			
L1	18	17	SP	0.001	<LOD	<LOD			
L1	25	24	SP	0.001	<LOD	<LOD			
L2	25	24	SP	0.001	<LOD	27			
L3	12	13	SP	0.0024	0.34	1300	0.3	108.3	2
L3	20	20	SP	0.001	<LOD	61			
L5	25	27	SP	0.0021	0.70	660	1.1	505.6	6
L5	46.5	44	SP	0.001	0.21	<LOQ			
L9	34	34	SP	0.0024	<LOD	<LOD			
		Geomean (SP)					***0.53***	***234.03***	***3.60***

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Table 1: Soil Adsorption Coefficients (Kd) and Retardation Factors at NBVC Pt. Mugu

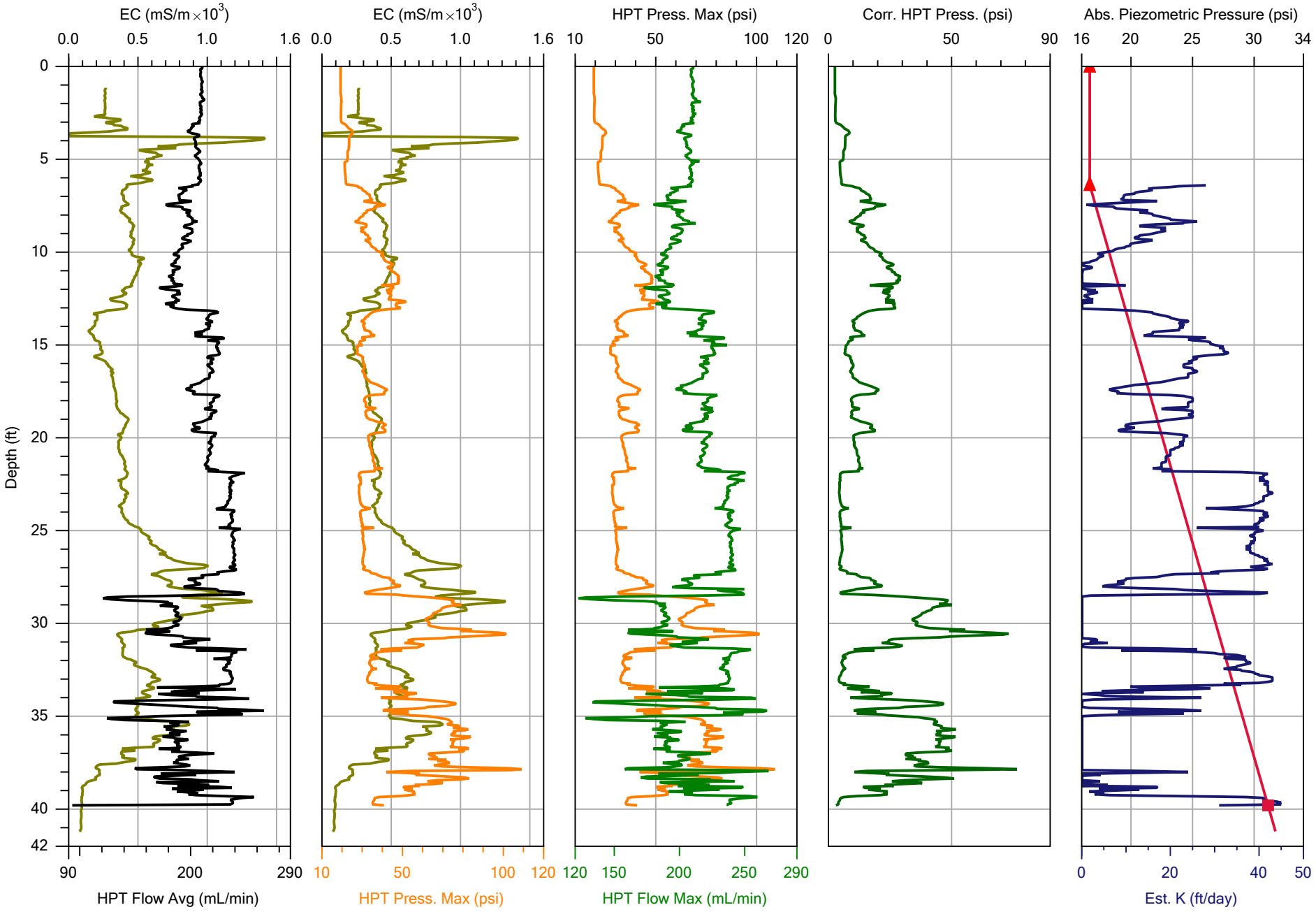
					Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample (ft bgs)	Soil Type	*foc*	PFOS	PFOS	PFOS	PFOS	PFOS
L5	10	11.5	CL	0.0091	50.9	210000	0.2	26.6	2
L5	34.5	35	CL	0.0184	0.9	1400	0.7	36.7	3
L8	18	19	CL	0.001	<LOD	1100			
		Geomean (CL)					***0.4***	***31.3***	***2.1***
L8	12.5	13	ML	0.0087	<LOD	2900			
L6	23.5	23	SC	0.001	<LOD	10000			
L7	7	6	SM	0.0054	<LOD	0			
L9	9	8	SM/CL	0.0145	<LOD	15			
L9	13	12	SM/CL	0.001	<LOD	84			
L1	10.5	10	SP	0.001	1.8	24	74.6	74637.4	345
L1	18	17	SP	0.001	<LOD	23			
L1	25	24	SP	0.001	<LOD	0			
L2	25	24	SP	0.001	<LOD	45			
L3	12	13	SP	0.0024	17.4	63000	0.3	115.3	2
L3	20	20	SP	0.001	17.9	4800	3.7	3722.6	18
L5	25	27	SP	0.0021	18.2	1800	10.1	4805.4	47
L5	46.5	44	SP	0.001	11.7	320	36.5	36526.0	169
L9	34	34	SP	0.0024	<LOD	12			
		Geomean (SP)					***7.77***	***5623.74***	***40.89***

D.2 HPT and Boring Logs



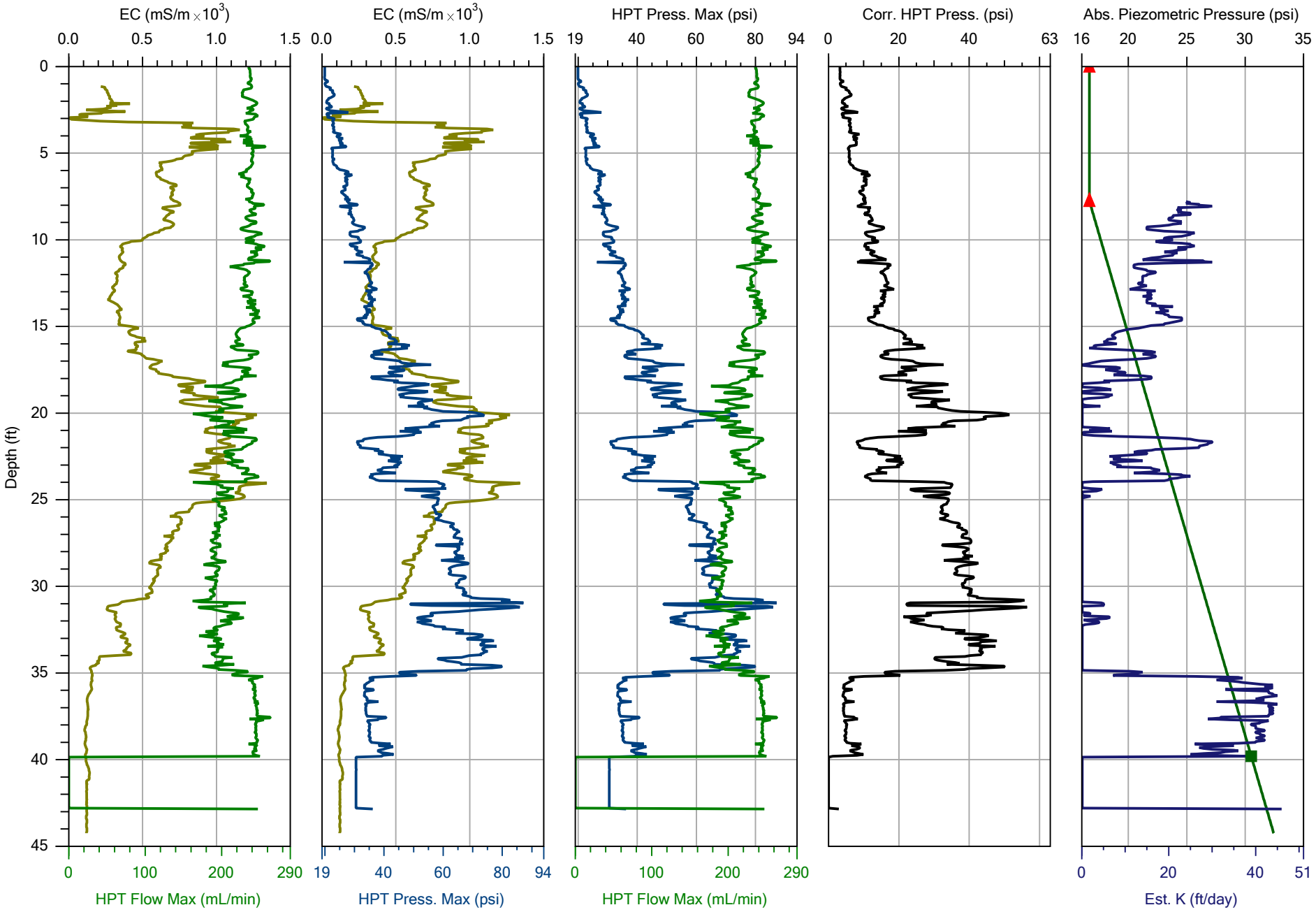
GREGG

Company: GSIENVIRONMENTAL INC.	Operator: DARRELL WHISLER	File: L-1HPT.MHP
Project ID: POINT MUGU NAVAL BASE	Client: CLAYTON SORENSEN	Date: 3/18/2019
		Location: NAVAL BASE VENTURA COUNTY, POINT MUGU CA



GREGG REMEDIATION

Company: GSIENVIRONMENTAL INC.	Operator: DARRELL WHISLER	File: L-4HPT.MHP
Project ID: POINT MUGU NAVAL BASE	Client: CLAYTON SORENSEN	Date: 3/18/2019
		Location: NAVAL BASE VENTURA COUNTY, POINT MUGU CA



GREGG

Company: GSIENVIRONMENTAL INC.	Operator: DARRELL WHISLER	File: L-9-ALT.THPT.MHP
Project ID: POINT MUGU NAVAL BASE	Client: CLAYTON SORENSEN	Date: 3/18/2019
		Location: NAVAL BASE VENTURA COUNTY, POINT MUGU CA

GSI Environmental Inc.
19200 Von Karman Ave. Suite 800
Irvine, CA 92612
Telephone: 949-679-1070

Log of Soil Boring: B1

CLIENT NAVFAC | **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 | **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

DATE STARTED 12 Mar 2019 **COMPLETED** 12 Mar 2019 | **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Gregg Drilling | **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Macro Core Coring System | **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Rhino M5T | **LOGGED BY** C. Sorensen **CHECKED BY** C. Sorensen

GROUND SURFACE See below **BORING DIAMETER (in)** 3.5 / 2.75 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	1" Topsoil and grass									
	SANDY LEAN CLAY (CL): very dark gray (7.5YR 3/1), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, soft, roots		CL					0		Boring was hand augered (3.5" diam.) to 5 feet bgs.
	LEAN CLAY WITH SAND (CL): yellowish brown (10YR 5/4), wet, ~85% fines, ~15% fine sand, medium plasticity, low toughness, soft		CL							PID: MiniRAE 3000 calibrated to 100 ppm Isobutylene standard. PID readings are headspace of soil in resealable plastic bags.
5	Brown (10YR 5/3), ~80% fines, ~20% sand									
								0		
10	POORLY GRADED SAND WITH SILT (SP-SM): dark gray (10YR 4/1), wet, ~90% fine to medium sand, ~10% nonplastic fines		SP-SM					0		
	POORLY GRADED SAND (SP): gray (10YR 6/1), wet, ~95% fine to medium sand, ~5% nonplastic fines		SP							
15	Fine to coarse sand									
	Grayish brown (10YR 5/2), fine to medium sand, trace fine to coarse rounded gravel									

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GSI Environmental Inc.
19200 Von Karman Ave. Suite 800
Irvine, CA 92612
Telephone: 949-679-1070

Log of Soil Boring: B1

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued		SP							
	Trace coarse sand, trace shell fragments									
	Fine to coarse sand									
25								0.1		

Total Depth = 27.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Upon completion, boring sloughed to 9 feet bgs. Boring was destroyed by placing cement grout from 9 feet to 5 feet bgs and native soil from 5 feet bgs to surface.

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GSI Environmental Inc.
19200 Von Karman Ave. Suite 800
Irvine, CA 92612
Telephone: 949-679-1070

Log of Soil Boring: B2

CLIENT NAVFAC | **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 | **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

DATE STARTED 11 Mar 2019 **COMPLETED** 11 Mar 2019 | **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Gregg Drilling | **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Macro Core Coring System | **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Rhino M5T | **LOGGED BY** C. Sorensen **CHECKED BY** C. Sorensen

GROUND SURFACE See below **BORING DIAMETER (in)** 3.5 / 2.75 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	USCS	PID (ppm)	Notes
	GROUND SURFACE			
	1" Topsoil and grass			
	SANDY LEAN CLAY (CL): very dark grayish brown (10YR 3/2), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, soft	CL	0.1	Boring was hand augered (3.5" diam.) to 5 feet bgs.
	Brown (10YR 4/3)			PID: MiniRAE 3000 calibrated to 100 ppm Isobutylene standard. PID readings are headspace of soil in resealable plastic bags.
	Wet			
5	LEAN CLAY WITH SAND (CL): brown (10YR 5/3), wet, ~80% fines, ~20% fine sand, medium plasticity, low toughness, soft, iron staining	CL	0.1	
	POORLY GRADED SAND WITH SILT (SP-SM): dark gray (2.5Y 4/1), wet, ~90% fine to medium sand, ~10% nonplastic fines, trace shells	SP-SM		
	POORLY GRADED SAND (SP): grayish brown (10YR 5/2), wet, ~95% fine to medium sand, ~5% nonplastic fines	SP	0	
	Grayish brown (2.5Y 5/2), trace coarse sand			
15	Fine to medium sand, coarse sand absent			
	Fine to coarse sand, trace fine subrounded to rounded gravel			

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GSI Environmental Inc.
19200 Von Karman Ave. Suite 800
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Telephone: 949-679-1070

Log of Soil Boring: B2

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued Fine to medium sand		SP							
	Fine to coarse sand, trace coarse subrounded to rounded gravel									
25										
	Dark grayish brown (2.5Y 4/2), fine sand									
	Dark gray (2.5Y 4/1)									
30								0.1		
35										

Total Depth = 36.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Upon completion, boring sloughed to 9 feet bgs. Boring was destroyed by placing cement grout from 9 feet to 5 feet bgs and native soil from 5 feet bgs to surface.

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GSI Environmental Inc.
19200 Von Karman Ave. Suite 800
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Telephone: 949-679-1070

Log of Soil Boring: L1

CLIENT NAVFAC | **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 | **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

DATE STARTED 21 Mar 2019 **COMPLETED** 21 Mar 2019 | **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Gregg Drilling | **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Macro Core Coring System | **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Rhino M5T | **LOGGED BY** C. Sorensen **CHECKED BY** C. Sorensen

GROUND SURFACE See below **BORING DIAMETER (in)** 3.5 / 2.75 | **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): pale brown (10YR 6/3), moist, ~95% fine to medium sand, ~5% nonplastic fines, trace fine rounded gravel, trace shells		SP					0.1		Boring was hand augered (3.5" diam.) to 5 feet bgs.
	SANDY LEAN CLAY (CL): brown (10YR 5/3), wet, ~70% fines, ~30% fine to medium sand, medium plasticity, low toughness, soft		CL							PID: MiniRAE 3000 calibrated to 100 ppm Isobutylene standard. PID readings are headspace of soil in resealable plastic bags.
5								0.3		
	LEAN CLAY WITH SAND (CL): brown (10YR 4/3) and dark grayish brown (10YR 4/2), wet, ~80% fines, ~20% fine sand, medium plasticity, low toughness, soft, mottled		CL							
	Dark gray (10YR 4/1)							0.2		
	SANDY LEAN CLAY (CL): dark gray (10YR 4/1), wet, ~70% fines, ~30% fine sand, medium plasticity, low toughness, soft		CL							
	POORLY GRADED SAND (SP): dark gray (10YR 4/1), wet, ~95% fine to medium sand, ~5% nonplastic fines		SP					0.3		
10	Gradual color change to dark yellowish brown (10YR 3/6)									
	Dark gray (10YR 4/1)							0.3		
	Grayish brown (10YR 5/2)							0.3		
15	Fine to coarse sand, trace shell fragments									
	Fine to medium sand							0.4		

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GSI Environmental Inc.
19200 Von Karman Ave. Suite 800
Irvine, CA 92612
Telephone: 949-679-1070

Log of Soil Boring: L1

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued Dark gray (10YR 4/1), ~90% fine to coarse sand, ~5% fine rounded gravel, ~5% nonplastic fines, shell fragments		SP					0.3		
								0.3		
	~95% fine sand, ~5% nonplastic fines									
	Fine to medium sand									
	Fine to coarse sand, trace fine rounded gravel							0.3		
25	Total Depth = 25.0 feet.									

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Upon completion, boring sloughed to 9 feet bgs. Boring was destroyed by placing cement grout from 9 feet to 5 feet bgs and native soil from 5 feet bgs to surface.

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Log of Soil Boring: L2

CLIENT NAVFAC | **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 | **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

DATE STARTED 20 Mar 2019 **COMPLETED** 20 Mar 2019 | **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Gregg Drilling | **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Macro Core Coring System | **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Rhino M5T | **LOGGED BY** C. Sorensen **CHECKED BY** C. Sorensen

GROUND SURFACE See below **BORING DIAMETER (in)** 3.5 / 2.75 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	1" Topsoil and grass									
	SANDY LEAN CLAY (CL): very dark gray (10YR 3/1), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, high to very high dry strength, soft, roots		CL					0.3		Boring was hand augered (3.5" diam.) to 5 feet bgs.
	LEAN CLAY (CL): brown (10YR 5/3), moist, ~85% fines, ~15% fine sand, medium plasticity, medium toughness, high to very high dry strength, firm		CL							PID: MiniRAE 3000 calibrated to 100 ppm Isobutylene standard. PID readings are headspace of soil in resealable plastic bags.
	Wet									
5	~90% fines, ~10% sand							0.4		
	Very dark gray (10YR 3/1)									
	POORLY GRADED SAND (SP): dark gray (10YR 4/1), wet, ~95% fine to medium sand, ~5% nonplastic to low plasticity fines		SP					0.3		
10	Light brownish gray (10YR 6/2)									
	Fine to coarse sand									
	Fine to medium sand									
15	Fine to coarse sand									
	Grayish brown (10YR 5/2), fine to medium sand									

(Continued Next Page)

GSI Environmental Inc.
19200 Von Karman Ave. Suite 800
Irvine, CA 92612
Telephone: 949-679-1070

Log of Soil Boring: L2

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued Gray (10YR 6/1), fine to medium sand, sand size predominantly fine, trace coarse sand		SP							
	Grayish brown (10YR 5/2), fine to medium sand									
	Fine to coarse sand									
	Fine to medium sand							0.4		
25	Total Depth = 25.0 feet.									

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Upon completion, boring sloughed to 11 feet bgs. Boring was destroyed by placing cement grout from 11 feet to 5 feet bgs and native soil from 5 feet bgs to surface.

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Telephone: 949-679-1070

Log of Soil Boring: L3

CLIENT NAVFAC | **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 | **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

DATE STARTED 20 Mar 2019 **COMPLETED** 20 Mar 2019 | **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Gregg Drilling | **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Macro Core Coring System | **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Rhino M5T | **LOGGED BY** C. Sorensen **CHECKED BY** C. Sorensen

GROUND SURFACE See below **BORING DIAMETER (in)** 3.5 / 2.75 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	USCS	PID (ppm)	Notes
	GROUND SURFACE			
	1" Topsoil and grass			
	SANDY LEAN CLAY (CL): very dark grayish brown (10YR 3/2), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, soft, roots	CL	0.4	Boring was hand augered (3.5" diam.) to 5 feet bgs.
	LEAN CLAY WITH SAND (CL): brown (10YR 5/3), moist, ~80% fines, ~20% fine sand, trace fine angular gravel, medium plasticity, low toughness, high dry strength	CL		PID: MiniRAE 3000 calibrated to 100 ppm Isobutylene standard. PID readings are headspace of soil in resealable plastic bags.
	Wet			
5			0.5	
	CLAYEY SAND (SC): brown (10YR 5/3), wet, ~60% fine to medium sand, ~40% medium plasticity fines	SC		
	~70% sand, ~30% fines	CL		
	SANDY LEAN CLAY (CL): brown (10YR 5/3), wet, ~70% fines, ~30% fine sand, medium plasticity, medium toughness, high dry strength, firm	CL	0.5	
	LEAN CLAY (CL): dark grayish brown (10YR 4/2), wet, ~90% fines, ~10% fine sand, medium plasticity, medium toughness, high dry strength, firm	CL		
10	SANDY LEAN CLAY (CL): dark gray (10YR 4/1), wet, ~65% fines, ~40% fine to medium sand, medium plasticity, medium toughness, firm		0.5	
	POORLY GRADED SAND (SP): dark gray (10YR 4/1), wet, ~95% fine to medium sand, ~5% nonplastic fines, trace fine subangular gravel, trace shell fragments	SP		
15				
	Fine to coarse sand			

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Telephone: 949-679-1070

Log of Soil Boring: L3

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued Gray (10YR 6/1)		SP							
	POORLY GRADED GRAVEL WITH SAND (GP): gray (10YR 6/1), wet, ~70% fine to coarse rounded gravel, ~30% fine to coarse sand, trace fines, trace shell fragments		GP					0.5		
	POORLY GRADED SAND (SP): gray (10YR 6/1), wet, ~95% fine to medium sand, ~5% nonplastic fines		SP							
	CLAYEY SAND (SC): dark gray (10YR 4/1), wet, ~70% fine to medium sand, ~30% medium plasticity fines		SC					0.4		
25	SANDY SILT (ML): dark gray (10YR 4/1), wet, ~70% fines, ~30% fine to medium sand, low to medium plasticity, low toughness, high dry strength, soft to firm		ML							

Total Depth = 25.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Upon completion, boring sloughed to 8 feet bgs. Boring was destroyed by placing cement grout from 8 feet to 5 feet bgs and native soil from 5 feet bgs to surface.

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Log of Soil Boring: L5

CLIENT NAVFAC | **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 | **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

DATE STARTED 14 Mar 2019 | **COMPLETED** 14 Mar 2019 | **GROUND ELEVATION** N/A | **DATUM** N/A

DRILLING CONTRACTOR Gregg Drilling | **TOP OF CASING ELEVATION** N/A | **DATUM** N/A

DRILLING METHOD Direct Push with Macro Core Coring System | **LATITUDE** N/A | **LONGITUDE** N/A

DRILLING EQUIPMENT Rhino M5T | **LOGGED BY** C. Sorensen | **CHECKED BY** C. Sorensen

GROUND SURFACE See below | **BORING DIAMETER (in)** 6.25 | **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG | **REG. NO.** 9605

Depth (ft bgs)	Soil Description	USCS	PID (ppm)	Notes
	GROUND SURFACE			
	1" Topsoil and grass			
	SILTY GRAVEL WITH SAND (GM): brown (10YR 5/3), moist, ~60% fine subangular gravel, ~20% fine sand, ~20% low plasticity fines, roots	GM	0.5	Boring was hand augered (3.5" diam.) to 5 feet bgs.
	SANDY LEAN CLAY (CL): brown (10YR 5/3), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, soft, roots	CL		
	LEAN CLAY WITH SAND (CL): brown (10YR 5/3), moist, ~80% fines, ~20% fine sand, medium plasticity, low toughness, very high dry strength, soft	CL		PID: MiniRAE 3000 calibrated to 100 ppm Isobutylene standard. PID readings are headspace of soil in resealable plastic bags.
	Wet, ~85% fines, ~15% sand		0.4	
5	LEAN CLAY (CL): very dark grayish brown (10YR 3/2), wet, ~90% fines, ~10% fine sand, medium plasticity, low toughness, very high dry strength, soft	CL	0.3	
			0.5	
	Dark grayish brown (10YR 4/2)		0.6	
	Very dark grayish brown (10YR 3/2)			
10	POORLY GRADED SAND WITH CLAY (SP-SC): dark gray (10YR 4/1), wet, ~90% fine to medium sand, ~10% medium plasticity fines	SP-SC		
	POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, ~95% fine to coarse sand, ~5% nonplastic fines, sand size is predominantly fine to medium	SP	0.6	
	Fine to coarse sand, trace fine subrounded to rounded gravel			
15	Light brownish gray (10YR 6/2)			
	Fine to medium sand, trace coarse sand, gravel absent			

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Log of Soil Boring: L5

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued		SP							
	Fine to coarse sand, shell fragments							0.4		
25	Fine to medium sand							0.5		
30	SANDY SILT (ML): dark gray (2.5Y 4/1), wet, ~60% fines, ~40% fine sand, low to medium plasticity, low toughness, soft		ML					0.6		
	POORLY GRADED SAND (SP): dark gray (2.5Y 4/1), wet, ~95% fine sand, ~5% nonplastic fines		SP							
	Brown (10YR 4/3), fine to coarse sand									
	LEAN CLAY (CL): dark grayish brown (10YR 4/2), moist, ~100% fines, trace sand, medium to high plasticity, medium toughness, high dry strength, firm		CL					0.6		
35	POORLY GRADED SAND (SP): gray (10YR 5/1), wet, ~100% fine to medium sand, trace nonplastic fines		SP							
	Dark gray (10YR 4/1)							0.5		
40	POORLY GRADED SAND WITH SILT (SP-SM): grayish brown (10YR 5/2), wet, ~90% fine to coarse sand, ~10% nonplastic fines, shell fragments		SP-SM							

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Log of Soil Boring: L5

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND WITH SILT (SP-SM): continued		SP-SM							
	POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, ~95% fine to coarse sand, ~5% nonplastic fines, trace shell fragments		SP							
45	Dark gray (10YR 4/1), fine to medium sand, trace coarse sand							0.2		

Total Depth = 47.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Upon completion, boring sloughed to 35 feet bgs. Boring was destroyed by placing cement grout from 35 feet to 5 feet bgs and native soil from 5 feet bgs to surface.

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Log of Soil Boring: L6

CLIENT NAVFAC | **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 | **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

DATE STARTED 22 Mar 2019 **COMPLETED** 22 Mar 2019 | **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Gregg Drilling | **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Macro Core Coring System | **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Rhino M5T | **LOGGED BY** C. Sorensen **CHECKED BY** C. Sorensen

GROUND SURFACE See below **BORING DIAMETER (in)** 3.5 / 2.75 | **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	USCS	PID (ppm)	Notes
	GROUND SURFACE			
	1" Topsoil and grass			
	SANDY LEAN CLAY (CL): brown (10YR 4/3), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, soft, roots	CL	0.2	Boring was hand augered (3.5" diam.) to 5 feet bgs.
	LEAN CLAY WITH SAND (CL): brown (10YR 5/3), moist, ~80% fines, ~20% fine sand, medium plasticity, low toughness, soft	CL		PID: MiniRAE 3000 calibrated to 100 ppm Isobutylene standard. PID readings are headspace of soil in resealable plastic bags.
5	SILTY SAND (SM): yellowish brown (10YR 5/4), wet, ~85% fine sand, ~15% nonplastic fines	SC	0.3	
	LEAN CLAY WITH SAND (SC): dark grayish brown (10YR 4/2), moist, ~80% fines, ~20% fine sand, medium plasticity, low toughness, soft	CL		
10	POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, ~95% fine to medium sand, ~5% nonplastic fines	SP		
	Dark grayish brown (2.5Y 4/2)			
	Gray (10YR 5/1)		0.4	
15	Dark gray (10YR 4/1)			
	LEAN CLAY (CL): very dark gray (10YR 3/1), moist, ~90% fines, ~10% fine sand, medium plasticity, medium toughness, firm			
	Very dark gray (10YR 3/1)			

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Log of Soil Boring: L6

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued Trace coarse sand, trace shell fragments		SP							
								0.4		
	CLAYEY SAND (SC): very dark gray (10YR 3/1), wet, ~80% fine to medium sand, ~20% medium plasticity fines, shell fragments		SC							
25	Total Depth = 25.0 feet.									

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Upon completion, boring sloughed to 9 feet bgs. Boring was destroyed by placing cement grout from 9 feet to 5 feet bgs and native soil from 5 feet bgs to surface.

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Log of Soil Boring: L7

CLIENT NAVFAC | **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 | **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

DATE STARTED 22 Mar 2019 **COMPLETED** 22 Mar 2019 | **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Gregg Drilling | **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Macro Core Coring System | **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Rhino M5T | **LOGGED BY** C. Sorensen **CHECKED BY** C. Sorensen

GROUND SURFACE See below **BORING DIAMETER (in)** 3.5 / 2.75 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	1" Topsoil and grass									
	SANDY SILT (ML): brown (10YR 4/3), moist, ~70% fines, ~30% fine sand, low plasticity, low toughness, low dry strength, soft, roots		ML					0.1		Boring was hand augered (3.5" diam.) to 5 feet bgs.
	LEAN CLAY WITH SAND (CL): brown (10YR 5/3), moist, ~80% fines, ~20% fine sand, medium plasticity, low toughness, low to medium dry strength, soft		CL							PID: MiniRAE 3000 calibrated to 100 ppm Isobutylene standard. PID readings are headspace of soil in resealable plastic bags.
	Wet									
5	SILTY SAND brown (10YR 5/3), wet, ~80% fine sand, ~20% low plasticity fines		SM					0.2		
	LEAN CLAY (CL): brown (10YR 5/3), moist, ~90% fines, ~10% fine sand, medium plasticity, medium toughness, high dry strength, firm		CL							
10	SILTY SAND (SM): brown (10YR 4/3), wet, ~80% fine sand, ~20% low plasticity fines		SM							
	LEAN CLAY WITH SAND (CL): brown (10YR 5/3), moist, ~80% fines, ~20% fine sand, medium plasticity, low toughness, high dry strength, soft		CL							
	SILTY SAND (SM): brown (10YR 4/3), wet, ~70% fine sand, ~30% low to medium plasticity fines		SM							
	~75% fine sand, ~25% low plasticity fines									
	LEAN CLAY WITH SAND (CL): dark gray (10YR 4/1), moist, ~80% fines, ~20% fine sand, medium plasticity, low toughness, high dry strength, soft		CL							
15	CLAYEY SAND (SC): grayish brown (10YR 5/2), wet, ~70% fine sand, ~30% medium plasticity fines							0.2		
	Dark gray (2.5Y 4/1)									
	SILTY SAND (SM): dark gray (2.5Y 4/1), moist, ~70% fine sand, ~30% low plasticity fines		SP-SM							

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Log of Soil Boring: L7

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND WITH SILT (SP-SM): dark gray (2.5Y 4/1), wet, ~90% fine sand, ~10% nonplastic fines									
	SANDY LEAN CLAY (CL): dark gray (2.5Y 4/1), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, medium dry strength, soft		CL							
	LEAN CLAY (CL): dark gray (2.5Y 4/1), moist, ~90% fines, ~10% fine sand, medium plasticity, medium toughness, medium dry strength, firm		CL							
	SANDY LEAN CLAY (CL): dark gray (2.5Y 4/1), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, medium dry strength, soft to firm		CL					0.3		
25										

Total Depth = 25.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Upon completion, boring sloughed to 9 feet bgs. Boring was destroyed by placing cement grout from 9 feet to 5 feet bgs and native soil from 5 feet bgs to surface.

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Log of Soil Boring: L8

CLIENT NAVFAC | **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 | **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

DATE STARTED 19 Mar 2019 **COMPLETED** 19 Mar 2019 | **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Gregg Drilling | **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Macro Core Coring System | **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Rhino M5T | **LOGGED BY** C. Sorensen **CHECKED BY** C. Sorensen

GROUND SURFACE See below **BORING DIAMETER (in)** 3.5 / 2.75 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	USCS	PID (ppm)	Notes
	GROUND SURFACE			
	1" Topsoil and grass			
	SANDY LEAN CLAY (CL): brown (10YR 5/3), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, soft	CL	0.2	Boring was hand augered (3.5" diam.) to 5 feet bgs.
	LEAN CLAY WITH SAND (CL): brown (10YR 5/3), moist, ~75% fines, ~25% fine sand, medium plasticity, low toughness, soft	CL		
	Wet			PID: MiniRAE 3000 calibrated to 100 ppm Isobutylene standard. PID readings are headspace of soil in resealable plastic bags.
5	~80% fines, ~20% sand		0.1	
	CLAYEY SAND (SC): brown (10YR 5/3), wet, ~65% fine sand, ~35% medium plasticity fines	SC	0.1	
10	LEAN CLAY (CL): brown (10YR 5/3), wet, ~90% fines, ~10% fine sand, medium plasticity, low toughness, soft	CL	0.1	
	SILT WITH SAND (ML): brown (10YR 5/3), wet, ~75% fines, ~25% fine sand, low plasticity, low toughness, soft			
	~85% fines, ~15% sand			
	POORLY GRADED SAND WITH SILT (SP-SM): brown (10YR 4/3), wet, ~90% fine sand, ~10% nonplastic fines	SP-SM	0.1	
	LEAN CLAY WITH SAND (CL): brown (10YR 5/3), wet, ~80% fines, ~20% fine sand, medium plasticity, low toughness, soft	CL		
15	CLAYEY SAND (SC): brown (10YR 5/3), wet, ~70% fine sand, ~30% medium plasticity fines	SC		
	LEAN CLAY WITH SAND (CL): mottled brown (10YR 5/3) and gray (10YR 5/1), wet, ~80% fines, ~20% fine sand, medium plasticity, low toughness, soft	CL	0.1	
	LEAN CLAY (CL): mottled gray (10YR 5/1) and brown (10YR 5/3), wet, ~95% fines, ~5% fine sand, medium plasticity, low to medium toughness, soft	CL	0.1	
	CLAYEY SAND (SC): see next page	SC	0.1	

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Telephone: 949-679-1070

Log of Soil Boring: L8

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	CLAYEY SAND (SC): dark gray (10YR 4/1), wet, ~70% fine to medium sand, ~30% medium plasticity fines ~60% sand, ~40% fines		SC							
	LEAN CLAY WITH SAND (CL): dark gray (10YR 4/1), wet, ~80% fines, ~20% fine sand, medium plasticity, low toughness, soft, stratified with POORLY GRADED SAND (SP) approximately 0.25" thick		CL					0.1		
	~75% fines, ~25% sand, laminations absent									
	~80% fines, ~20% sand							0.1		
25	Total Depth = 25.0 feet.									

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Upon completion, boring sloughed to 8 feet bgs. Boring was destroyed by placing cement grout from 8 feet to 5 feet bgs and native soil from 5 feet bgs to surface.

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Log of Soil Boring: L9

CLIENT NAVFAC | **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 | **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

DATE STARTED 25 Mar 2019 | **COMPLETED** 25 Mar 2019 | **GROUND ELEVATION** N/A | **DATUM** N/A

DRILLING CONTRACTOR Gregg Drilling | **TOP OF CASING ELEVATION** N/A | **DATUM** N/A

DRILLING METHOD Direct Push with Macro Core Coring System | **LATITUDE** N/A | **LONGITUDE** N/A

DRILLING EQUIPMENT Rhino M5T | **LOGGED BY** C. Sorensen | **CHECKED BY** C. Sorensen

GROUND SURFACE See below | **BORING DIAMETER (in)** 3.5 / 2.75 | **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG | **REG. NO.** 9605

Depth (ft bgs)	Soil Description	USCS	PID (ppm)	Notes
	GROUND SURFACE			
	1" Topsoil and grass			
	SANDY SILT (ML): dark grayish brown (10YR 4/2), moist, ~70% fines, ~30% fine sand, low plasticity, low toughness, very high dry strength, soft, roots	ML	0	Boring was hand augered (3.5" diam.) to 5 feet bgs.
	SANDY LEAN CLAY (CL): brown (10YR 5/3), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, high dry strength, soft	CL		
	Wet			PID: MiniRAE 3000 calibrated to 100 ppm Isobutylene standard. PID readings are headspace of soil in resealable plastic bags.
5	Brown (10YR 4/3), moist		0	
	SILTY SAND (SM): brown (10YR 5/3), wet, ~85% fine sand, ~15% nonplastic fines	SM	0	
	LEAN CLAY WITH SAND (CL): grayish brown (10YR 5/2), moist, ~75% fines, ~25% fine sand, medium plasticity, low toughness, high dry strength, soft	CL		
10	~80% fines, ~20% sand			
	LEAN CLAY (CL): grayish brown (10YR 5/2), moist, ~90% fines, ~10% fine sand, medium plasticity, medium toughness, high dry strength, firm	CL		
	SILTY SAND (SM): grayish brown (10YR 5/2), wet, ~85% fine sand, ~15% nonplastic fines	SM	0.1	
	LEAN CLAY WITH SAND (CL): grayish brown (10YR 5/2), moist, ~80% fines, ~20% fine sand, medium plasticity, low toughness, medium dry strength, soft	CL		

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Telephone: 949-679-1070

Log of Soil Boring: L9

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	SILTY SAND (SM): grayish brown (10YR 5/2), wet, ~85% fine sand, ~15% nonplastic fines		SM							
	LEAN CLAY WITH SAND (CL): grayish brown (10YR 5/2), moist, ~80% fines, ~20% fine sand, medium plasticity, low to medium toughness, high dry strength, firm		CL							
	SANDY LEAN CLAY (CL): grayish brown (10YR 5/2), wet, ~60% fines, ~40% fine sand, medium plasticity, low toughness, firm		CL							
	LEAN CLAY WITH SAND (CL): grayish brown (10YR 5/2), wet, ~85% fines, ~15% fine sand, medium plasticity, low toughness, low dry strength, soft		CL					0		
	LEAN CLAY (CL): dark gray (10YR 4/1), moist, ~95% fines, ~5% fine sand, medium plasticity, medium toughness, very high dry strength, firm		CL					0.4		
20	SANDY LEAN CLAY (CL): dark gray (10YR 4/1), moist, ~60% fines, ~40% fine sand, medium plasticity, low toughness, low dry strength, soft, stratified with CLAYEY SAND (SC) approximately 0.25" thick		CL					0.1		
	POORLY GRADED SAND WITH SILT (SP-SM): dark gray (10YR 4/1), wet, ~90% fine sand, ~10% nonplastic fines		SP-SM							
	LEAN CLAY (CL): dark gray (10YR 4/1), moist, ~90% fines, ~10% fine sand, medium plasticity, medium toughness, very high dry strength, firm		CL					0		
25	SANDY LEAN CLAY (CL): dark gray (10YR 4/1), moist, ~60% fines, ~40% fine sand, medium plasticity, low toughness, very high dry strength, soft to firm									
	SILTY SAND (SM): dark gray (10YR 4/1), wet, ~85% fine sand, ~15% nonplastic fines ~95% fines, ~5% sand									
30	CLAYEY SAND (SC): dark gray (10YR 4/1), moist, ~80% fine sand, ~20% medium plasticity fines		SC							
	LEAN CLAY (CL): dark gray (10YR 4/1), moist, ~95% fines, ~5% fine sand, medium plasticity, medium toughness, very high dry strength, firm		CL							

(Continued Next Page)

GSI Environmental Inc.
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Irvine, CA 92612
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Log of Soil Boring: L9

CLIENT NAVFAC **PROJECT NAME** Point Mugu

GSI JOB NUMBER 5013 **PROJECT LOCATION** NBVC Point Mugu, Ventura County, CA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	LEAN CLAY (CL): dark gray (10YR 4/1), moist, ~95% fines, ~5% fine sand, medium plasticity, medium toughness, very high dry strength, firm		CL							
	POORLY GRADED SAND (SP): dark gray (10YR 4/1), wet, ~95% fine to medium sand, ~5% nonplastic fines		SP					0		
35	Gray (10YR 5/1)							0		
40	Total Depth = 40.0 feet.									

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Upon completion, boring sloughed to 9 feet bgs. Boring was destroyed by placing cement grout from 9 feet to 5 feet bgs and native soil from 5 feet bgs to surface.

GSI_SOIL BORING - TRYTHISTEMPLATE.GDT - 6/18/19 14:25 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\5013.GPJ

D.3 Groundwater Field Parameters

GSI Job No. G-4500/5013
Issued: 9 April 2019
PRELIMINARY

GSI ENVIRONMENTAL

GROUNDWATER FIELD PARAMTERS AT NBVC POINT MUGU, CA

ESTCP ER-201633: Characterization of the Nature and Extent of Per- and Poly-Fluoroalkyl Substances (PFAS) in Environmental Media

Location ID	Sample ID	Sample Date	Groundwater Screen Interval (ft BGS)	Temperature (deg C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss. Oxygen (mg/L)	Redox (mV)
B1	B1-GW-10-12	3/12/2019	10-12	16.9	6.89	10.71	650	1.72	-94.3
B1	B1-GW-15-17	3/12/2019	15-17	16.1	6.97	12.47	799	0.23	-175.8
B1	B1-GW-25-27	3/12/2019	25-27	16.0	6.86	20.40	674	0.11	-245.6
B1	B1-GW-38-40	3/13/2019	38-40	22.5	7.17	12.58	0.12	0.04	-618.9
B2	B2-GW-10-12	3/13/2019	10-12	18.9	6.99	7.27	614	1.01	-132.8
B2	B2-GW-15-17	3/13/2019	15-17	20.0	7.10	7.53	756	0.23	-213.1
B2	B2-GW-28-30	3/13/2019	28-30	21.0	7.36	15.21	774	0.04	-463.3
B2	B2-GW-38-40	3/14/2019	38-40	16.8	7.39	26.65	0.18	0.26	-314.5
L1	L1-GW-10-12	3/26/2019	10-12	17.2	8.20	1.16	771	2.24	-40.6
L1	L1-GW-17-19	3/26/2019	17-19	17.8	7.71	3.59	560	0.78	-187.0
L1	L1-GW-24-26	3/26/2019	24-26	19.8	7.55	8.52	252	0.16	-179.7
L1	L1-GW-44-46	3/26/2019	44-46	20.0	7.32	44.01	399	0.54	-155.9
L2	L2-GW-9-11	3/21/2019	9-11	15.7	7.25	11.36	479	1.45	-111.9
L2	L2-GW-18-20	3/21/2019	18-20	17.4	7.30	11.78	745	1.10	-138.7
L2	L2-GW-24-26	3/21/2019	24-26	17.3	7.33	12.98	326	0.61	-178.2
L2	L2-GW-38-40	3/21/2019	38-40	19.5	7.32	21.23	716	0.15	-188.9
L3	L3-GW-13-15	3/20/2019	13-15	19.2	7.38	13.31	55.5	2.25	-130.3
L3	L3-GW-20-22	3/20/2019	20-22	20.3	7.17	18.48	349	0.80	-168.1
L3	L3-GW-30-32	3/20/2019	30-32	20.1	7.60	13.42	660	0.51	-187.2
L3	L3-GW-38-40	3/20/2019	38-40	19.2	7.47	9.23	369	0.09	-215.9
L5	L5-GW-11.5-13.5	3/15/2019	11.5-13.5	19.0	7.19	11.76	7.28	2.17	-150.4
L5	L5-GW-27-29	3/15/2019	27-29	22.8	7.30	45.84	>1000	0.08	-251.5
L5	L5-GW-35-37	3/15/2019	35-37	23.2	7.45	16.98	7.35	0.04	-309.9
L5	L5-GW-44-46	3/15/2019	44-46	--	--	--	119	--	--
L6	L6-GW-12-14	3/26/2019	12-14	22.2	7.31	24.70	600	0.35	-152.8
L6	L6-GW-23-25	3/26/2019	23-25	22.7	7.21	35.30	453	1.05	-152.2
L7	L7-GW-6-8	3/22/2019	6-8	20.0	6.98	17.23	231	4.03	127.4
L7	L7-GW-11-13	3/22/2019	11-13	20.1	7.26	20.44	328	1.47	-82.8
L7	L7-GW-35-37	3/22/2019	35-37	21.9	7.41	6.43	548	1.40	-148.2
L7	L7-GW-40-42	3/22/2019	40-42	21.4	7.38	6.45	304	0.66	-151.0
L8	L8-GW-13-15	3/19/2019	13-15	17.5	6.79	73.70	343	1.98	-51.9
L8	L8-GW-19-21	3/19/2019	19-21	17.8	7.03	65.90	537	1.85	-91.4
L8	L8-GW-35-37	3/19/2019	35-37	19.1	7.39	9.35	739	0.91	-152.9
L8	L8-GW-40-42	3/19/2019	40-42	18.7	7.29	6.23	647	1.43	-153.7
L9	L9-GW-8-10	3/25/2019	8-10	17.4	7.29	24.90	611	2.58	-13.7
L9	L9-GW-12-14	3/25/2019	12-14	19.0	7.03	25.45	330	1.37	-62.0
L9	L9-GW-34-36	3/25/2019	34-46	20.4	7.47	5.89	710	0.33	-160.3
L9	L9-GW-44-46	3/25/2019	44-46	20.2	7.47	5.48	75.7	0.03	-187.4

D.4 VOCs and Soil

GSI ENVIRONMENTAL

TABLE 1
SOIL SAMPLING AND TESTING RESULTS:

NBVC Point Mugu
Point Mugu, California

SAMPLE LOCATION:	L1079636-03	L1079636-04	L1079636-05	L1079636-01	L1079636-02
SAMPLE ID:	B1-10'	B1-13'	B1-27'	B2-10'	B2-31.5'
SAMPLE DEPTH:	8-10 FT	11-13 FT	25-27 FT	8-10 FT	29.5-31.5 FT
SAMPLE DATE:	3/12/2019	3/12/2019	3/12/2019	3/11/2019	3/11/2019
ANALYTE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Solids by Method 2540 G-2011					
Total solids (%)	**70.3**	**83**	**85.2**	**83**	**81.2**
Volatile Organic Compounds by Method 8260B					
Acetone	<0.0356 J3	<0.0301 J3	<0.0293 J3	<0.0301 J3	<0.0308
Acrylonitrile	<0.0178	<0.0151	<0.0147	<0.0151	<0.0154
Benzene	<0.00142	<0.00120	<0.00117	<0.00121	**0.000578 J**
Bromobenzene	<0.0178	<0.0151	<0.0147	<0.0151	<0.0154
Bromodichloromethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Bromoform	<0.0356 J4	<0.0301 J4	<0.0293 J4	<0.0301 J4	<0.0308 J4
Bromomethane	<0.0178	<0.0151	<0.0147	<0.0151	<0.0154
N-Butylbenzene	<0.0178 J4	<0.0151 J4	<0.0147 J4	<0.0151 J4	<0.0154 J4
Sec-Butylbenzene	<0.0178	<0.0151	<0.0147	<0.0151	<0.0154
Tert-Butylbenzene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
Carbon Tetrachloride	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
Chlorobenzene	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Chlorodibromomethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Chloroethane	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
Chloroform	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Chloromethane	<0.0178	<0.0151	<0.0147	<0.0151	<0.0154
2-Chlorotoluene	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
4-Chlorotoluene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
1,2-Dibromo-3-Chloropropane	<0.0356	<0.0301	<0.0293	<0.0301	<0.0308
1,2-Dibromoethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Dibromomethane	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
1,2-Dichlorobenzene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
1,3-Dichlorobenzene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
1,4-Dichlorobenzene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
Dichlorodifluoromethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
1,1-Dichloroethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
1,2-Dichloroethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
1,1-Dichloroethene	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Cis-1,2-Dichloroethene	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Trans-1,2-Dichloroethene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
1,2-Dichloropropane	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
1,1-Dichloropropene	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
1,3-Dichloropropane	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
Cis-1,3-Dichloropropene	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Trans-1,3-Dichloropropene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
2,2-Dichloropropane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Di-Isopropyl Ether	<0.00142	<0.00120	<0.00117	<0.00121	<0.00123
Ethylbenzene	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Hexachloro-1,3-Butadiene	<0.0356	<0.0301	<0.0293	<0.0301	<0.0308
Isopropylbenzene	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
P-Isopropyltoluene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
2-Butanone (Mek)	<0.0356	<0.0301	<0.0293	<0.0301	<0.0308
Methylene Chloride	<0.0356	<0.0301	**0.0103 J**	**0.00935 J**	**0.0104 J**
4-Methyl-2-Pentanone (Mibk)	<0.0356	<0.0301	<0.0293	<0.0301	<0.0308
Methyl Tert-Butyl Ether	<0.00142	<0.00120	<0.00117	<0.00121	<0.00123
Naphthalene	<0.0178	<0.0151	<0.0147	<0.0151	<0.0154
N-Propylbenzene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
Styrene	<0.0178	<0.0151	<0.0147	<0.0151	<0.0154
1,1,1,2-Tetrachloroethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
1,1,2,2-Tetrachloroethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
1,1,2-Trichlorotrifluoroethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Tetrachloroethene	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Toluene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
1,2,3-Trichlorobenzene	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
1,2,4-Trichlorobenzene	<0.0178	<0.0151	<0.0147	<0.0151	<0.0154
1,1,1-Trichloroethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
1,1,2-Trichloroethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Trichloroethene	<0.00142	<0.00120	<0.00117	<0.00121	<0.00123
Trichlorofluoromethane	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
1,2,3-Trichloropropane	<0.0178	<0.0151	<0.0147	<0.0151	<0.0154
1,2,4-Trimethylbenzene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
1,2,3-Trimethylbenzene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
1,3,5-Trimethylbenzene	<0.00711	<0.00602	<0.00587	<0.00603	<0.00615
Vinyl Chloride	<0.00356	<0.00301	<0.00293	<0.00301	<0.00308
Xylenes, Total	<0.00924	<0.00783	<0.00763	<0.00783	<0.00800
Anions by Method 9056A					
Chloride	**331**	**601**	**785**	**306**	**1020**
Fluoride	**4.69**	**0.684 J**	**1.02 J**	**1.05**	**0.83 J**
Nitrate	<1.42	<1.20	<1.17	<1.21	<1.23
Sulfate	**516**	**417**	**294**	**321**	**596**
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)	**0.0128**	**0.0033**	**0.0031**	**0.0019**	**0.003**
Fractional Organic Matter by Method D2974					
Fractional Organic Matter (%)	**2.21**	**0.577**	**0.527**	**0.33**	**0.521**
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)					

Notes:
1. Detections are shown in **bold**.
2. < = Constituent not detected at specified Sample Quantitation Limit.
   -- = Not analyzed or not applicable.
   J = The identification of the analyte is acceptable; the reported value is an estimate.
   J4 = The associated batch QC was outside the established quality control range for accuracy
   V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL SAMPLING AND TESTING RESULTS:

NBVC Point Mugu
Point Mugu, California

SAMPLE LOCATION:	L1081813-03	L1082795-03	L1081813-01	L1081813-02	L1081049-04
SAMPLE ID:	L1-6	L1-12	L2-6	L2-10	L3-6
SAMPLE DEPTH:	4-6 FT	10.5-12 FT	4-6 FT	8-10 FT	4-6 FT
SAMPLE DATE:	3/21/2019	3/21/2019	3/20/2019	3/20/2019	3/20/2019
ANALYTE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Solids by Method 2540 G-2011					
Total solids (%)	**67.1**	**81.7**	**75.9**	**82.1**	**78.1**
Volatile Organic Compounds by Method 8260B					
Acetone	<0.0372	<0.0306	<0.0329	<0.0305	<0.0320
Acrylonitrile	<0.0186	<0.0153	<0.0165	<0.0152	<0.0160
Benzene	<0.00149	<0.00122	<0.00132	<0.00122	<0.00128
Bromobenzene	<0.0186 J4	<0.0153	<0.0165 J4	<0.0152 J4	<0.0160
Bromodichloromethane	<0.00372 J4	<0.00306	<0.00329 J4	<0.00305 J4	<0.00320
Bromoform	<0.0372	<0.0306	<0.0329	<0.0305	<0.0320
Bromomethane	<0.0186	<0.0153	<0.0165	<0.0152	<0.0160
N-Butylbenzene	<0.0186	<0.0153	<0.0165	<0.0152	<0.0160
Sec-Butylbenzene	<0.0186	<0.0153	<0.0165	<0.0152	<0.0160
Tert-Butylbenzene	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
Carbon Tetrachloride	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
Chlorobenzene	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Chlorodibromomethane	<0.00372 J4	<0.00306	<0.00329 J4	<0.00305 J4	<0.00320
Chloroethane	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
Chloroform	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Chloromethane	<0.0186	<0.0153	<0.0165	<0.0152	<0.0160
2-Chlorotoluene	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
4-Chlorotoluene	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
1,2-Dibromo-3-Chloropropane	<0.0372	<0.0306	<0.0329	<0.0305	<0.0320
1,2-Dibromoethane	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Dibromomethane	<0.00745 J4	<0.00612	<0.00658 J4	<0.00609 J4	<0.00640
1,2-Dichlorobenzene	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
1,3-Dichlorobenzene	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
1,4-Dichlorobenzene	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
Dichlorodifluoromethane	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
1,1-Dichloroethane	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
1,2-Dichloroethane	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
1,1-Dichloroethene	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Cis-1,2-Dichloroethene	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Trans-1,2-Dichloroethene	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
1,2-Dichloropropane	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
1,1-Dichloropropene	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
1,3-Dichloropropane	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
Cis-1,3-Dichloropropene	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Trans-1,3-Dichloropropene	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
2,2-Dichloropropane	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Di-Isopropyl Ether	<0.00149	<0.00122	<0.00132	<0.00122	<0.00128
Ethylbenzene	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Hexachloro-1,3-Butadiene	<0.0372	<0.0306	<0.0329	<0.0305	<0.0320
Isopropylbenzene	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
P-Isopropyltoluene	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
2-Butanone (Mek)	<0.0372	<0.0306	<0.0329	<0.0305	<0.0320
Methylene Chloride	<0.0372	<0.0306	<0.0329	<0.0305	<0.0320
4-Methyl-2-Pentanone (Mibk)	<0.0372	<0.0306	<0.0329	<0.0305	<0.0320
Methyl Tert-Butyl Ether	<0.00149	<0.00122	<0.00132	<0.00122	<0.00128
Naphthalene	<0.0186	<0.0153	<0.0165	<0.0152	<0.0160
N-Propylbenzene	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
Styrene	<0.0186	<0.0153	<0.0165	<0.0152	<0.0160
1,1,1,2-Tetrachloroethane	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
1,1,2,2-Tetrachloroethane	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
1,1,2-Trichlorotrifluoroethane	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Tetrachloroethene	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Toluene	<0.00745	0.00208	<0.00658	<0.00609	<0.00640
1,2,3-Trichlorobenzene	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
1,2,4-Trichlorobenzene	<0.0186	<0.0153	<0.0165	<0.0152	<0.0160
1,1,1-Trichloroethane	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
1,1,2-Trichloroethane	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Trichloroethene	<0.00149	<0.00122	<0.00132	<0.00122	<0.00128
Trichlorofluoromethane	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
1,2,3-Trichloropropane	<0.0186	<0.0153	<0.0165	<0.0152	<0.0160
1,2,4-Trimethylbenzene	<0.00745	<0.00612	**0.00233 J**	<0.00609	<0.00640
1,2,3-Trimethylbenzene	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
1,3,5-Trimethylbenzene	<0.00745	<0.00612	<0.00658	<0.00609	<0.00640
Vinyl Chloride	<0.00372	<0.00306	<0.00329	<0.00305	<0.00320
Xylenes, Total	<0.00968	<0.00796	<0.00856	<0.00792	<0.00832
Anions by Method 9056A					
Chloride	**468**	**15.9 B**	**2820**	**384**	**4700**
Fluoride	**12.8**	**1.47**	**9.7**	**0.558 J**	**4.68**
Nitrate	**1.61 B**	<1.22	<1.32	<1.22	<1.28
Sulfate	**521**	**82.3**	**1880**	**644**	**6340**
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)	**0.0159**	**0.0015**	**0.0128**	**0.0052**	**0.0132**
Fractional Organic Matter by Method D2974					
Fractional Organic Matter (%)	**2.74**	**0.26**	**2.2**	**0.901**	**2.27**
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)	**30.4**	**1.2**	**24.6**	**3.3**	**16.5**

Notes:
1. Detections are shown in **bold**.
2. < = Constituent not detected at specified Sample Quantitation Limit.
   -- = Not analyzed or not applicable.
   J = The identification of the analyte is acceptable; the reported value is an estimate.
   J4 = The associated batch QC was outside the established quality control range for accuracy
   V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL SAMPLING AND TESTING RESULTS:

NBVC Point Mugu
Point Mugu, California

SAMPLE LOCATION:	L1081049-06	L1079636-06	L1079636-07	L1079636-08	L1081813-07
SAMPLE ID:	L3-12	L5-8	L5-25	L5-34.5	L6-7
SAMPLE DEPTH:	10.5-12 FT	6-8 FT	23-25 FT	32.5-34.5 FT	5-7 FT
SAMPLE DATE:	3/20/2019	3/14/2019	3/14/2019	3/14/2019	3/22/2019
ANALYTE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Solids by Method 2540 G-2011					
Total solids (%)	**76.8**	**79**	**87.7**	**64.2**	**75.1**
Volatile Organic Compounds by Method 8260B					
Acetone	<0.0326	<0.0317	<0.0285	<0.0389	<0.0333
Acrylonitrile	<0.0163	<0.0158	<0.0142	<0.0195	<0.0166
Benzene	<0.00130	<0.00127	<0.00114	<0.00156	<0.00133
Bromobenzene	<0.0163	<0.0158	<0.0142	<0.0195	<0.0166 J4
Bromodichloromethane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333 J4
Bromoform	<0.0326	<0.0317	<0.0285	<0.0389	<0.0333
Bromomethane	<0.0163	<0.0158	<0.0142	<0.0195	<0.0166
N-Butylbenzene	<0.0163	<0.0158	<0.0142	<0.0195	<0.0166
Sec-Butylbenzene	<0.0163	**0.00989 J**	<0.0142	<0.0195	<0.0166
Tert-Butylbenzene	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
Carbon Tetrachloride	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
Chlorobenzene	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
Chlorodibromomethane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333 J4
Chloroethane	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
Chloroform	<0.00326	<0.00317 J4	<0.00285 J4	<0.00389 J4	<0.00333
Chloromethane	<0.0163	<0.0158	<0.0142	<0.0195	<0.0166
2-Chlorotoluene	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
4-Chlorotoluene	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
1,2-Dibromo-3-Chloropropane	<0.0326	<0.0317	<0.0285	<0.0389	<0.0333
1,2-Dibromoethane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
Dibromomethane	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665 J4
1,2-Dichlorobenzene	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
1,3-Dichlorobenzene	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
1,4-Dichlorobenzene	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
Dichlorodifluoromethane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
1,1-Dichloroethane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
1,2-Dichloroethane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
1,1-Dichloroethene	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
Cis-1,2-Dichloroethene	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
Trans-1,2-Dichloroethene	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
1,2-Dichloropropane	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
1,1-Dichloropropene	<0.00326	<0.00317 J4	<0.00285 J4	<0.00389 J4	<0.00333
1,3-Dichloropropane	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
Cis-1,3-Dichloropropene	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
Trans-1,3-Dichloropropene	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
2,2-Dichloropropane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
Di-Isopropyl Ether	<0.00130	<0.00127	<0.00114	<0.00156	<0.00133
Ethylbenzene	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
Hexachloro-1,3-Butadiene	<0.0326	<0.0317	<0.0285	<0.0389	<0.0333
Isopropylbenzene	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
P-Isopropyltoluene	<0.00651	**0.00678**	<0.00570	<0.00778	<0.00665
2-Butanone (Mek)	<0.0326	<0.0317	<0.0285	<0.0389	<0.0333
Methylene Chloride	<0.0326	<0.0317	<0.0285	<0.0389	<0.0333
4-Methyl-2-Pentanone (Mibk)	<0.0326	<0.0317	<0.0285	<0.0389	<0.0333
Methyl Tert-Butyl Ether	<0.00130	<0.00127	<0.00114	<0.00156	<0.00133
Naphthalene	<0.0163	<0.0158	<0.0142	<0.0195	<0.0166
N-Propylbenzene	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
Styrene	<0.0163	<0.0158 J4	<0.0142 J4	<0.0195 J4	<0.0166
1,1,1,2-Tetrachloroethane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
1,1,2,2-Tetrachloroethane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
1,1,2-Trichlorotrifluoroethane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
Tetrachloroethene	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
Toluene	<0.00651	<0.00633	<0.00570	<0.00778	<0.00665
1,2,3-Trichlorobenzene	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
1,2,4-Trichlorobenzene	<0.0163	<0.0158	<0.0142	<0.0195	<0.0166
1,1,1-Trichloroethane	<0.00326	<0.00317 J4	<0.00285 J4	<0.00389 J4	<0.00333
1,1,2-Trichloroethane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
Trichloroethene	<0.00130	<0.00127	<0.00114	<0.00156	<0.00133
Trichlorofluoromethane	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
1,2,3-Trichloropropane	<0.0163	<0.0158	<0.0142	<0.0195	<0.0166
1,2,4-Trimethylbenzene	<0.00651	**0.00991**	<0.00570	<0.00778	<0.00665
1,2,3-Trimethylbenzene	<0.00651	**0.0037 J**	<0.00570	<0.00778	<0.00665
1,3,5-Trimethylbenzene	<0.00651	**0.00369 J**	<0.00570	<0.00778	<0.00665
Vinyl Chloride	<0.00326	<0.00317	<0.00285	<0.00389	<0.00333
Xylenes, Total	<0.00847	<0.00823	<0.00741	<0.0101	<0.00865
Anions by Method 9056A					
Chloride	**479**	**1170**	**1690**	**3100**	**5050**
Fluoride	**0.986 J**	**4.95**	**0.896 J P1**	**1.88**	**2.42**
Nitrate	<1.30	<1.27	<1.14	<1.56	<1.33
Sulfate	**722**	**1560**	**782 J3**	**1370 J6**	**3160**
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)	**0.0024**	**0.0091**	**0.0021**	**0.0184**	**0.0071**
Fractional Organic Matter by Method D2974					
Fractional Organic Matter (%)	**0.411**	**1.57**	**0.361**	**3.17**	**1.22**
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)	**2.4**				**12.9**

Notes:
1. Detections are shown in **bold**.
2. < = Constituent not detected at specified Sample Quantitation Limit.
   -- = Not analyzed or not applicable.
   J = The identification of the analyte is acceptable; the reported value is an estimate.
   J4 = The associated batch QC was outside the established quality control range for accuracy
   V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL SAMPLING AND TESTING RESULTS:

NBVC Point Mugu
Point Mugu, California

SAMPLE LOCATION:	L1081813-08	L1081813-05	L1081813-06	L1081049-02	L1081049-03
SAMPLE ID:	L6-13.5	L7-7	L7-16	L8-7	L8-12.5
SAMPLE DEPTH:	11.5-13.5 FT	5-7 FT	14-16 FT	6-7 FT	10.5-12.5 FT
SAMPLE DATE:	3/22/2019	3/22/2019	3/22/2019	3/19/2019	3/19/2019
ANALYTE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Solids by Method 2540 G-2011					
Total solids (%)	**81**	**78.7**	**68**	**70.2**	**70**
Volatile Organic Compounds by Method 8260B					
Acetone	<0.0309	<0.0318	<0.0368	<0.0356	<0.0357
Acrylonitrile	<0.0154	<0.0159	<0.0184	<0.0178	<0.0179
Benzene	<0.00124	<0.00127	<0.00147	<0.00142	<0.00143
Bromobenzene	<0.0154 J4	<0.0159 J4	<0.0184 J4	<0.0178	<0.0179
Bromodichloromethane	<0.00309 J4	<0.00318 J4	<0.00368 J4	<0.00356	<0.00357
Bromoform	<0.0309	<0.0318	<0.0368	<0.0356	<0.0357
Bromomethane	<0.0154	<0.0159	<0.0184	<0.0178	<0.0179
N-Butylbenzene	<0.0154	<0.0159	<0.0184	<0.0178	<0.0179
Sec-Butylbenzene	<0.0154	<0.0159	<0.0184	<0.0178	<0.0179
Tert-Butylbenzene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
Carbon Tetrachloride	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
Chlorobenzene	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Chlorodibromomethane	<0.00309 J4	<0.00318 J4	<0.00368 J4	<0.00356	<0.00357
Chloroethane	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
Chloroform	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Chloromethane	<0.0154	<0.0159	<0.0184	<0.0178	<0.0179
2-Chlorotoluene	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
4-Chlorotoluene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
1,2-Dibromo-3-Chloropropane	<0.0309	<0.0318	<0.0368	<0.0356	<0.0357
1,2-Dibromoethane	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Dibromomethane	<0.00618 J4	<0.00636 J4	<0.00736 J4	<0.00712	<0.00714
1,2-Dichlorobenzene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
1,3-Dichlorobenzene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
1,4-Dichlorobenzene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
Dichlorodifluoromethane	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
1,1-Dichloroethane	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
1,2-Dichloroethane	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
1,1-Dichloroethene	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Cis-1,2-Dichloroethene	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Trans-1,2-Dichloroethene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
1,2-Dichloropropane	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
1,1-Dichloropropene	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
1,3-Dichloropropane	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
Cis-1,3-Dichloropropene	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Trans-1,3-Dichloropropene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
2,2-Dichloropropane	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Di-Isopropyl Ether	<0.00124	<0.00127	<0.00147	<0.00142	<0.00143
Ethylbenzene	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Hexachloro-1,3-Butadiene	<0.0309	<0.0318	<0.0368	<0.0356	<0.0357
Isopropylbenzene	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
P-Isopropyltoluene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
2-Butanone (Mek)	<0.0309	<0.0318	<0.0368	**0.0534**	<0.0357
Methylene Chloride	<0.0309	<0.0318	<0.0368	<0.0356	<0.0357
4-Methyl-2-Pentanone (Mibk)	<0.0309	<0.0318	<0.0368	<0.0356	<0.0357
Methyl Tert-Butyl Ether	<0.00124	<0.00127	<0.00147	<0.00142	<0.00143
Naphthalene	<0.0154	<0.0159	<0.0184	<0.0178	<0.0179
N-Propylbenzene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
Styrene	<0.0154	<0.0159	<0.0184	<0.0178	<0.0179
1,1,1,2-Tetrachloroethane	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
1,1,2,2-Tetrachloroethane	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
1,1,2-Trichlorotrifluoroethane	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Tetrachloroethene	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Toluene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
1,2,3-Trichlorobenzene	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
1,2,4-Trichlorobenzene	<0.0154	<0.0159	<0.0184	<0.0178	<0.0179
1,1,1-Trichloroethane	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
1,1,2-Trichloroethane	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Trichloroethene	<0.00124	<0.00127	<0.00147	<0.00142	<0.00143
Trichlorofluoromethane	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
1,2,3-Trichloropropane	<0.0154	<0.0159	<0.0184	<0.0178	<0.0179
1,2,4-Trimethylbenzene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
1,2,3-Trimethylbenzene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
1,3,5-Trimethylbenzene	<0.00618	<0.00636	<0.00736	<0.00712	<0.00714
Vinyl Chloride	<0.00309	<0.00318	<0.00368	<0.00356	<0.00357
Xylenes, Total	<0.00803	<0.00826	<0.00957	<0.00925	<0.00929
Anions by Method 9056A					
Chloride	**2240**	**1130**	**5610**	**11500**	**9260**
Fluoride	**0.425 J**	**2.2**	**5.27**	**4.09**	**3.57**
Nitrate	<1.24	<1.27	<1.47	<1.42	<1.43
Sulfate	**1110**	**1090**	**2060**	**10400**	**2030**
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)	**0.0016**	**0.0054**	**0.0184**	**0.0164**	**0.0087**
Fractional Organic Matter by Method D2974					
Fractional Organic Matter (%)	**0.28**	**0.938**	**3.17**	**2.83**	**1.49**
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)	**1.9**	**12.6**	**14.1**		

Notes:
1. Detections are shown in **bold**.
2. < = Constituent not detected at specified Sample Quantitation Limit.
   -- = Not analyzed or not applicable.
   J = The identification of the analyte is acceptable; the reported value is an estimate.
   J4 = The associated batch QC was outside the established quality control range for accuracy
   V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL SAMPLING AND TESTING RESULTS:

NBVC Point Mugu
Point Mugu, California

SAMPLE LOCATION:	L1082795-01	L1082795-02	L1081049-01	L1081049-05	L1081813-04
SAMPLE ID:	L9-7.5	L9-34	DUP-2-S	DUP-3-S	DUP-4-S
SAMPLE DEPTH:	5.5-7.5 FT	32-34 FT	10.5-12.5 FT	9-10 FT	4-6 FT
SAMPLE DATE:	3/25/2019	3/25/2019	3/19/2019	3/20/2019	3/21/2019
ANALYTE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Solids by Method 2540 G-2011					
Total solids (%)	**72.7**	**81.6**	**74.4**	**77.2**	**73.6**
Volatile Organic Compounds by Method 8260B					
Acetone	<0.0344	<0.0307	<0.0336	<0.0324	<0.0340
Acrylonitrile	<0.0172	<0.0153	<0.0168	<0.0162	<0.0170
Benzene	<0.00137	<0.00123	<0.00134	<0.00130	<0.00136
Bromobenzene	<0.0172	<0.0153	<0.0168	<0.0162	<0.0170 J4
Bromodichloromethane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340 J4
Bromoform	<0.0344	<0.0307	<0.0336	<0.0324	<0.0340
Bromomethane	<0.0172	<0.0153	<0.0168	<0.0162	<0.0170
N-Butylbenzene	<0.0172	<0.0153	<0.0168	<0.0162	<0.0170
Sec-Butylbenzene	<0.0172	<0.0153	<0.0168	<0.0162	<0.0170
Tert-Butylbenzene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
Carbon Tetrachloride	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
Chlorobenzene	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Chlorodibromomethane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340 J4
Chloroethane	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
Chloroform	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Chloromethane	<0.0172 J4	<0.0153	<0.0168	<0.0162	<0.0170
2-Chlorotoluene	<0.00344 J4	<0.00307	<0.00336	<0.00324	<0.00340
4-Chlorotoluene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
1,2-Dibromo-3-Chloropropane	<0.0344	<0.0307	<0.0336	<0.0324	<0.0340
1,2-Dibromoethane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Dibromomethane	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679 J4
1,2-Dichlorobenzene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
1,3-Dichlorobenzene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
1,4-Dichlorobenzene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
Dichlorodifluoromethane	<0.00344 J3	<0.00307	<0.00336	<0.00324	<0.00340
1,1-Dichloroethane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
1,2-Dichloroethane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
1,1-Dichloroethene	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Cis-1,2-Dichloroethene	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Trans-1,2-Dichloroethene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
1,2-Dichloropropane	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
1,1-Dichloropropene	<0.00344 J4	<0.00307	<0.00336	<0.00324	<0.00340
1,3-Dichloropropane	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
Cis-1,3-Dichloropropene	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Trans-1,3-Dichloropropene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
2,2-Dichloropropane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Di-Isopropyl Ether	<0.00137	<0.00123	<0.00134	<0.00130	<0.00136
Ethylbenzene	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Hexachloro-1,3-Butadiene	<0.0344	<0.0307	<0.0336	<0.0324	<0.0340
Isopropylbenzene	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
P-Isopropyltoluene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
2-Butanone (Mek)	<0.0344	<0.0307	<0.0336	**0.0327**	<0.0340
Methylene Chloride	<0.0344	<0.0307	<0.0336	<0.0324	<0.0340
4-Methyl-2-Pentanone (Mibk)	<0.0344	<0.0307	<0.0336	<0.0324	<0.0340
Methyl Tert-Butyl Ether	<0.00137	<0.00123	<0.00134	<0.00130	<0.00136
Naphthalene	**0.0489**	0.00414	<0.0168	<0.0162	<0.0170
N-Propylbenzene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
Styrene	<0.0172 J4	<0.0153	<0.0168	<0.0162	<0.0170
1,1,1,2-Tetrachloroethane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
1,1,2,2-Tetrachloroethane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
1,1,2-Trichlorotrifluoroethane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Tetrachloroethene	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Toluene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
1,2,3-Trichlorobenzene	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
1,2,4-Trichlorobenzene	<0.0172	<0.0153	<0.0168	<0.0162	<0.0170
1,1,1-Trichloroethane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
1,1,2-Trichloroethane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Trichloroethene	<0.00137	<0.00123	<0.00134	<0.00130	<0.00136
Trichlorofluoromethane	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
1,2,3-Trichloropropane	<0.0172	<0.0153	<0.0168	<0.0162	<0.0170
1,2,4-Trimethylbenzene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
1,2,3-Trimethylbenzene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
1,3,5-Trimethylbenzene	<0.00687	<0.00613	<0.00672	<0.00648	<0.00679
Vinyl Chloride	<0.00344	<0.00307	<0.00336	<0.00324	<0.00340
Xylenes, Total	<0.00894	<0.00797	<0.00874	<0.00842	<0.00883
Anions by Method 9056A					
Chloride	**2570**	**404**	**8760**	**378**	**167**
Fluoride	**5.97**	**1.18 J**	**3.23**	**0.927 J**	**8.74**
Nitrate	<1.37	**0.429 J**	<1.34	<1.30	**1.08 B J**
Sulfate	**10200**	**131**	**1780**	**550**	**281**
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)	**0.0145**	**0.0024**	**0.0069**	**0.0018**	**0.0098**
Fractional Organic Matter by Method D2974					
Fractional Organic Matter (%)	**2.5**	**0.41**	**1.19**	**0.311**	**1.68**
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)	**8.1**	**1.8**		**3.1**	**43**

Notes:
1. Detections are shown in **bold**.
2. < = Constituent not detected at specified Sample Quantitation Limit.
   -- = Not analyzed or not applicable.
   J = The identification of the analyte is acceptable; the reported value is an estimate.
   J4 = The associated batch QC was outside the established quality control range for accuracy
   V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

D.5 PFAS Results

GSI Job No. G-4500
Issued: 12 August 2021

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	0.09	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	0.51	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	0.42	0.12	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	0.38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	5.75	4.76	0.98	6.50	2.69	<RL	0.03	<RL	<RL	<RL
L2	6	<RL	3.54	5.25	0.83	5.01	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	0.13	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	1.48	0.34	2.35	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	3.47	4.14	1.88	0.56	8.57	1.05	<RL	0.38	<RL	0.23	<RL
L3	6	6.09	16.05	37.82	10.21	92.96	0.49	<RL	<RL	<RL	<RL	<RL
L3	8.5	4.75	12.77	28.95	6.89	60.33	0.32	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	4.17	6.33	1.21	11.27	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	2.79	3.24	0.65	2.07	0.15	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	3.55	4.77	0.74	3.81	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	3.44	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	1.95	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	1.15	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	3.03	0.56	7.39	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	1.77	0.51	25.95	0.70	1.18	1.27	1.60	<RL	<RL
L5	4	8.85	63.16	187.15	37.58	214.12	4.17	0.76	<RL	<RL	<RL	<RL
L5	6	<RL	27.18	91.04	21.37	226.34	3.23	0.55	<RL	<RL	<RL	<RL
L5	8	<RL	12.64	36.80	9.50	135.94	1.04	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	6.27	15.47	3.11	41.42	0.64	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	4.37	10.22	2.08	19.31	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	7.31	1.34	8.06	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	3.11	0.51	2.23	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	1.58	2.10	0.33	1.90	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	0.48	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	1.81	0.44	2.79	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	2.68	3.32	0.55	4.52	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	11.24	19.04	13.76	4.31	46.45	41.26	5.41	2.73	0.79	<RL	<RL
L6	7	67.38	379.94	462.88	146.80	181.05	10.16	0.94	<RL	<RL	<RL	<RL
L6	13.5	29.32	108.84	148.82	40.30	36.87	<FB	<RL	<RL	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	2.19	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	0.21	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	0.26	0.11	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	0.11	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	0.14	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	0.13	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	0.10	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	0.11	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	3.57	2.11	<RL	<RL	<RL	<RL	<RL
SS2	SS2	3.22	4.02	1.32	0.79	6.03	9.15	0.45	0.36	0.06	0.05	<RL
SS3	SS3	<RL	<RL	<RL	<RL	1.84	0.43	<RL	<RL	<RL	0.02	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	PFHxDA	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS	PFNS	PFDS	PFDoS	6:2 FTA
B1	1	<RL	<RL	<RL	<RL	0.18	<RL	0.60	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	0.56	<RL	1.29	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	0.69	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	0.05	0.14	<RL	0.47	<RL	1.79	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	0.29	0.94	1.14	11.67	2.34	137.89	0.36	0.22	<RL	<RL
L2	6	<RL	0.79	2.20	1.62	5.02	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	0.09	<RL	0.70	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	0.15	0.42	<RL	3.21	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	0.21	0.44	0.57	10.39	0.86	29.96	<RL	<RL	<RL	<RL
L3	6	<RL	4.67	12.76	14.97	83.73	1.35	3.12	<RL	<RL	<RL	<RL
L3	8.5	<RL	3.50	9.42	10.19	53.66	0.86	3.02	<RL	<RL	<RL	<RL
L3	10.5	<RL	0.56	1.56	1.75	11.71	0.93	14.35	<RL	<RL	<RL	<RL
L3	12	<RL	0.30	0.77	0.93	5.10	0.34	17.44	<RL	<RL	<RL	<RL
L3	14.5	<RL	0.42	1.22	1.15	7.56	0.42	20.01	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	0.12	0.21	3.29	0.45	33.71	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	0.06	0.11	1.46	<RL	17.87	<RL	<RL	<RL	<RL
L3	22	<RL	0.06	0.17	0.18	1.46	<RL	10.72	<RL	<RL	<RL	<RL
L3	25	<RL	0.47	1.42	1.42	7.23	<RL	0.60	<RL	<RL	<RL	<RL
L5	1	<RL	0.39	0.98	0.51	11.07	0.89	179.20	225.63	329.64	2.97	<RL
L5	4	<RL	16.29	58.44	51.06	296.39	8.36	739.60	1.77	<RL	<RL	<RL
L5	6	<RL	7.27	26.18	25.02	276.24	10.75	753.83	0.99	<RL	<RL	<RL
L5	8	<RL	3.68	13.02	16.02	106.21	4.85	283.85	0.37	<RL	<RL	<RL
L5	10	<RL	1.43	4.55	4.40	42.69	2.04	50.85	<RL	<RL	<RL	<RL
L5	13.5	<RL	0.96	2.98	3.07	28.78	1.24	46.03	<RL	<RL	<RL	<RL
L5	25	<RL	0.91	2.41	2.27	14.19	0.70	18.16	<RL	<RL	<RL	<RL
L5	29	<RL	0.56	1.51	1.59	6.26	0.41	4.66	<RL	<RL	<RL	<RL
L5	31	<RL	0.47	1.08	0.96	3.25	0.08	3.46	<RL	<RL	<RL	<RL
L5	34.5	<RL	0.05	0.13	<RL	0.66	<RL	0.95	<RL	<RL	<RL	<RL
L5	39	<RL	0.17	0.53	<RL	3.06	<RL	4.13	<RL	<RL	<RL	<RL
L5	46.5	<RL	0.48	1.28	1.18	7.96	0.21	11.69	<RL	<RL	<RL	<RL
L6	1	<RL	7.58	10.23	7.24	115.90	17.00	2759.61	17.81	62.43	20.89	<RL
L6	7	<RL	89.54	255.64	191.14	1260.77	125.11	8839.35	37.36	1.85	<RL	<RL
L6	13.5	<RL	24.18	67.98	89.43	303.06	10.03	205.65	0.31	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	0.08	0.11	1.88	<RL	3.12	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	0.09	<RL	1.51	0.10	9.50	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	0.03	<RL	0.17	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	0.02	<RL	<RL	0.29	<RL	1.68	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	0.12	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	0.10	0.11	3.84	0.64	94.74	0.70	<RL	<RL	<RL
SS2	SS2	<RL	0.17	0.36	0.52	17.12	2.81	353.77	3.73	1.96	0.67	<RL
SS3	SS3	<RL	<RL	0.22	0.17	2.83	0.25	28.18	<RL	<RL	<RL	<RL

GSI Job No. G-4500
Issued: 12 August 2021

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	8:2 FTA	10:2 FTA	3:3 FTA	5:3 FTA	7:3 FTA	6:2 FTUA	8:2 FTUA	10:2 FTUA	FOSA	Me-FOSA	Et-FOSA
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.15	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	2.36	<RL	<RL	<RL	<RL	<RL	0.23	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	57.35	0.43	<RL
L5	4	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	5.65	<RL	<RL
L5	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	1.73	<RL	<RL
L5	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.55	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.16	<RL	<RL
L6	1	<RL	<RL	<RL	<RL	5.37	<RL	<RL	<RL	13.99	<RL	<RL
L6	7	<RL	<RL	<RL	<RL	<RL	0.56	<RL	<RL	1.75	<RL	<RL
L6	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.35	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

GSI Job No. G-4500
Issued: 12 August 2021

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	FOSAA	MeFOSAA	EtFOSAA	4:2 FTS	6:2 FTS	8:2 FTS	10:2 FTS	8-ClPFOS	8-ClPFNS	11-ClPFUnS	ADONA
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	1.57	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	3.94	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	1.85	0.50	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	2.57	0.67	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	0.76	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	0.62	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	0.24	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	0.81	7.68	<RL	<RL	<RL	2.00	<RL	0.20	<RL	<RL	<RL
L5	4	<RL	0.15	<RL	<RL	4.88	0.73	<RL	<RL	<RL	<RL	<RL
L5	6	<RL	0.10	<RL	<RL	2.19	0.23	<RL	<RL	<RL	<RL	<RL
L5	8	<RL	<RL	<RL	<RL	1.99	<RL	<RL	0.17	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	3.13	0.20	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	2.36	0.71	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	<RL	1.90	<RL	<RL	8.59	47.22	1.04	2.36	<RL	<RL	<RL
L6	7	<RL	<RL	<RL	<RL	311.02	179.94	<RL	<RL	<RL	<RL	<RL
L6	13.5	<RL	<RL	<RL	<RL	25.28	5.93	<RL	<RL	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	0.26	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<RL	<RL	<RL	<RL	0.27	<RL	0.58	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	HFPO-DA	FHxSA	S-OHPrAmPr-FHxSA-	FBSA	SPr-FHxSA	S-OHPrAmPr-FHxSA	UPFOS	FPeSA	FPrSA	K-PFOS	H-PFDS
B1	1	<RL	0.01	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	0.47	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<LOSQ	<LOSQ	<RL	<RL
L3	1	<RL	0.25	<RL	0.10	NA	<RL	<RL	<RL	0.06	0.06	<RL
L3	6	<RL	NA	<RL	0.05	NA	<RL	0.57	<RL	0.12	0.06	<RL
L3	8.5	<RL	0.41	<RL	0.20	0.23	<RL	0.38	<RL	0.13	0.05	<RL
L3	10.5	<RL	1.07	<RL	<LOSQ	<RL	<RL	0.27	<LOSQ	<RL	<LOSQ	<RL
L3	12	<RL	0.63	<RL	0.05	0.07	<RL	<RL	<RL	NA	0.03	<RL
L3	14.5	<RL	0.72	<RL	<LOSQ	<RL	<RL	<RL	<LOSQ	<LOSQ	<RL	<LOSQ
L3	17.5	<RL	1.58	<RL	<RL	<RL	<RL	<RL	<LOSQ	<RL	<RL	<RL
L3	20	<RL	0.91	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	0.18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<LOSQ	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	12.60	<RL	0.33	<RL	<RL	0.26	0.34	0.10	0.09	<RL
L5	4	<RL	30.04	<LOSQ	1.66	<LOSQ	<LOSQ	3.05	1.27	<LOSQ	0.86	<RL
L5	6	<RL	18.39	<LOSQ	0.73	<RL	<RL	3.43	0.64	<LOSQ	1.21	<LOSQ
L5	8	<RL	5.38	<RL	0.39	<RL	0.10	1.40	0.27	0.15	<RL	0.74
L5	10	<RL	2.78	<RL	<LOSQ	<RL	<RL	0.64	<LOSQ	<LOSQ	<LOSQ	<RL
L5	13.5	<RL	1.62	<RL	<LOSQ	<LOSQ	<RL	0.41	<LOSQ	<LOSQ	<LOSQ	<RL
L5	25	<RL	0.59	<RL	<LOSQ	<LOSQ	<RL	0.22	<LOSQ	<LOSQ	<LOSQ	<RL
L5	29	<RL	<LOSQ	<RL	<LOSQ	<RL	<RL	<RL	<RL	<LOSQ	<RL	<RL
L5	31	<RL	<RL	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	0.44	<RL	<RL	<RL	<RL	<LOSQ	<RL	<RL	<RL	<RL
L6	1	<RL	21.61	<RL	2.05	<RL	<RL	2.53	1.19	0.99	2.01	11.71
L6	7	<RL	108.70	156.39	15.29	30.09	29.63	18.49	9.34	6.42	10.17	<RL
L6	13.5	<RL	7.96	<RL	1.84	4.25	<RL	2.53	1.05	0.70	0.84	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	0.02	<RL	NA	NA	<RL	NA	<RL	NA	NA	<RL
L9	7.5	<RL	<LOSQ	<RL	NA	NA	<RL	NA	<RL	NA	NA	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	NA	<RL	NA	NA	<RL	NA	<RL	NA	NA	<RL
L9	18	<RL	NA	<RL	NA	NA	<RL	NA	<RL	NA	NA	<RL
L9	19.5	<RL	0.02	<RL	NA	NA	<RL	NA	<RL	NA	NA	<RL
L9	21	<RL	NA	<RL	NA	NA	<RL	NA	<RL	NA	NA	<RL
L9	24	<RL	NA	<RL	NA	NA	<RL	NA	<RL	NA	NA	<RL
L9	34	<RL	NA	<RL	NA	NA	<RL	NA	<RL	NA	NA	<RL
L9	38	<RL	0.02	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	0.30	<RL	<RL	<RL	<RL	<RL	<RL	<LOSQ	<RL	<RL
SS2	SS2	<RL	1.69	<RL	0.15	<RL	<RL	<RL	<RL	<RL	0.28	<RL
SS3	SS3	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	H-PFOS	K-PFHxS	PeH-FHpOS	UPFHxS	MeFHxSA	PFHxSi	H-PFHxS	K-PFPeS	H-PFDA	O-PFDS	S-OHPrAmPr-FBSA
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	NA	<RL	NA	<RL	<RL	<LOSQ	NA	<RL	<RL	<RL
L3	6	<RL	0.35	<RL	0.36	<RL	<RL	<LOSQ	0.12	<RL	<RL	<RL
L3	8.5	<RL	0.23	<RL	0.26	<RL	<RL	<LOSQ	0.09	<RL	<RL	<RL
L3	10.5	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	NA	<RL	NA	<RL	<RL	NA	NA	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	<RL	<RL	0.39	<RL	<RL	<RL	<RL	8.55	<RL
L5	4	1.09	<LOSQ	<LOSQ	<LOSQ	1.31	<LOSQ	0.67	0.67	<RL	<LOSQ	<LOSQ
L5	6	<LOSQ	<LOSQ	<LOSQ	<LOSQ	<LOSQ	<LOSQ	<LOSQ	0.27	1.45	<RL	<LOSQ
L5	8	<LOSQ	0.39	<RL	<RL	0.23	<RL	<LOSQ	0.14	<RL	<RL	<RL
L5	10	<LOSQ	<LOSQ	<LOSQ	<LOSQ	<RL	<LOSQ	<LOSQ	<RL	<RL	<RL	<RL
L5	13.5	<LOSQ	<RL	<RL	<RL	<RL	<RL	<LOSQ	0.03	<RL	<RL	<RL
L5	25	<LOSQ	<LOSQ	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	2.06	0.22	<RL	0.17	6.45	1.32	0.17	0.11	<RL	<RL	<RL
L6	7	<LOSQ	5.91	3.59	4.64	<RL	5.81	<RL	2.69	<RL	<RL	<RL
L6	13.5	<RL	2.12	1.37	1.33	<RL	0.20	0.88	0.97	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	NA	<RL	NA	<RL	<RL	NA	NA	<RL	<RL	<RL
L9	7.5	<RL	NA	<RL	NA	<RL	<RL	NA	NA	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	NA	<RL	NA	<RL	<RL	NA	NA	<RL	<RL	<RL
L9	18	<RL	NA	<RL	NA	<RL	<RL	NA	NA	<RL	<RL	<RL
L9	19.5	<RL	NA	<RL	NA	<RL	<RL	NA	NA	<RL	<RL	<RL
L9	21	<RL	NA	<RL	NA	<RL	<RL	NA	NA	<RL	<RL	<RL
L9	24	<RL	NA	<RL	NA	<RL	<RL	NA	NA	<RL	<RL	<RL
L9	34	<RL	NA	<RL	NA	<RL	<RL	NA	NA	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<LOSQ	<RL	<RL	<RL	0.10	<RL	<RL	<RL	<RL	0.71	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	O-U-PFNA	O-PFHpS	4:2 FTSi	8:2 FTOS	6:2 FTOS	O-PFHxS	O-PFOS	FHxSAA	H-PFBS	S-OHPrAmPr-FBSA-OHPrS	FHpSA
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	NA	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	NA	<RL	<RL	NA	<RL	<RL
L3	6	1.06	<LOSQ	<RL	<RL	<RL	0.08	<RL	<RL	0.05	<RL	<RL
L3	8.5	0.65	<RL	<RL	<RL	<RL	0.05	<RL	<RL	0.04	<RL	<RL
L3	10.5	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	NA	<RL	<RL	NA	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.53
L5	4	1.75	<LOSQ	1.16	0.30	<LOSQ	<LOSQ	<LOSQ	0.16	0.14	<LOSQ	<LOSQ
L5	6	1.66	<LOSQ	1.90	0.22	<RL	<LOSQ	<LOSQ	<RL	0.06	<RL	<LOSQ
L5	8	0.71	<RL	2.22	<RL	<RL	<LOSQ	0.09	0.06	<RL	<RL	<RL
L5	10	<LOSQ	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	<RL	0.18	<RL	<RL	<RL	0.03	<RL	0.77	0.09	<RL	0.28
L6	7	<RL	<LOSQ	<RL	<RL	<RL	1.37	<RL	2.15	<RL	<LOSQ	<LOSQ
L6	13.5	0.47	0.45	<RL	<RL	<RL	0.47	<RL	<RL	0.24	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	1.15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	NA	<RL	<RL	NA	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	NA	<RL	<RL	NA	<RL	<RL
L9	9	<RL	<RL	0.37	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	NA	<RL	<RL	NA	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	NA	<RL	<RL	NA	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	NA	<RL	<RL	NA	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	NA	<RL	<RL	NA	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	NA	<RL	<RL	NA	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	NA	<RL	<RL	NA	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<LOSQ	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	H-PFHpS	H-PFPeS	F5S-PFOS	F5S-PFOA	Cl-PFBS	6:2 FTSi	O-U-PFOA	14:2 FTCA	F5S-PFNS	O-U-PFDA	UPFUdS
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	0.03	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	0.02	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	22.90	<RL	<RL	<RL	<RL	<RL	4.47	<RL	3.34
L5	4	<LOSQ	<LOSQ	<LOSQ	0.22	0.08	1.13	0.26	<RL	<LOSQ	<LOSQ	<LOSQ
L5	6	<LOSQ	<LOSQ	<RL	0.18	<RL	<RL	<RL	<RL	<RL	<LOSQ	<RL
L5	8	<RL	<RL	<RL	0.07	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<LOSQ	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	0.03	0.03	29.57	0.12	<RL	<RL	<RL	<RL	10.96	<RL	10.27
L6	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	13.5	<RL	0.15	<RL	<RL	<RL	<RL	0.19	<RL	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<LOSQ
SS2	SS2	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.47
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	F5S-PFHxS	F5S-PFHpS	K-PFNS	O-U-PFUdA	MeFPrAA	AmPr-FOSA	PFOSi	diOHBAmPr-FHxSA	10:3 K-FTTh-OH-PrA	12:2 FTCA	PFTrDS
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	13.60	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	6.46	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	1.72	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	6.10	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	z	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	<RL	<RL	<RL	1.50	2.05	0.99	<RL	<RL	1.14
L5	4	<LOSQ	<LOSQ	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	6	<RL	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	9.09	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	<RL	<RL	1.67	<RL	<RL	<RL	<RL	1.02	<RL	<RL	<RL
L6	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	10.85	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	K-PFUdS	UPFDS	PFD-OS	O-U-PFTrDA	K-PFDoS	O-PFNS	SPrAmPr-FHxSA	8:3 K-FTTh-K-OH-PrA	K-PFTrDS	diOHBAmPr-FOSA	PFPeDS
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	2.23	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.00	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.99	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	1.10	1.04	0.95	0.76	0.67	<LOSQ	<RL	1.33	0.20	0.07	0.13
L5	4	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	8	<RL	<RL	<RL	<RL	<RL	<LOSQ	0.25	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	<RL	6.85	3.39	<RL	<RL	11.14	<RL	<RL	1.99	<RL	<RL
L6	7	<RL	<RL	<RL	<RL	<RL	<RL	49.95	<RL	<RL	<RL	<RL
L6	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<LOSQ	<RL	<RL	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRAT| SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	9:3 FTCA	UPFNS	PFN-OS	UPFDoS	H-PFTeDA	H-PFHpA	UPFTrDS	H-UPFHp-O/OH	H-PFPeDA	K-PFDS	UPFTeDS
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	0.25	<RL	<RL	<RL	0.13	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	0.87	<RL	1.61	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	0.90	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	4	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	8	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	<RL	<RL	27.79	8.20	<RL	1.51	6.82	<RL	<RL	4.50	4.07
L6	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	0.88	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	2.53	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	0.81	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	AmPr-FHxSA	H-PFHxDA	1OH-8:2 FTS	H-PFTrDA	MeFHxSAA	PFHp-OS	EtFHxSAA	SPrAmPr-FHxSAPrS	EtFHxSA	H-PFNS	O-PFPeS
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	0.07	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	4	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	0.53	<RL	7.61	<RL	<RL	0.41	<RL	<RL	<RL	0.87	<RL
L6	7	0.59	<RL	<RL	<RL	<RL	<RL	<RL	85.62	<RL	<RL	<RL
L6	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.38
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	F5S-PFDS	PFHxDS	O-U-PFHpA	MeFPeSA	PFDo-OS	EtFDSA	FEtSA	1OH-6:2 FTS	O-U-PFPeDA	FBSAA	Cl-PFHxS
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	4	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	0.59	0.68	<LOSQ	0.18	<RL	<RL	0.04	<RL	0.19	0.09	0.15
L6	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	13.5	<RL	<RL	<LOSQ	<RL	<RL	<RL	0.02	1.36	<RL	<LOSQ	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.06	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	12:2 FTS	UPFHpS	10:2 FTSi	K-PFBS	SPrAmPr-FPeSA	FPrSAA	O-PFBS	F5S-PFNA	UPFBS	PFBSi	MeFPrSA
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	0.20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	4	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	<RL	<RL	<RL	<RL	<RL	0.05	<RL	0.14	<RL	0.05	<LOSQ
L6	7	<RL	<RL	<RL	<RL	3.61	<RL	<RL	<RL	<RL	<RL	<RL
L6	13.5	<RL	<LOSQ	<RL	0.16	<RL	<RL	0.14	<RL	<RL	0.03	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<LOSQ
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	diOHBA mPr-FPeSA	H-PFPrS	FPeSAA	PFPeSi	diOHBA mPr-FNSA	H-PFHxA	H-PFOA	PFPeDA	5:2 UFTCA	Cl-PFDoS	F5S-PFHxA
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<LOSQ	<LOSQ	0.16	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	NA	<LOSQ	<RL	<RL	<RL	<LOSQ
L3	8.5	<RL	<RL	<RL	<RL	<RL	0.22	<LOSQ	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	0.19	NA	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	4	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	0.06	0.09	0.04	0.03	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	13.5	<RL	<RL	<RL	0.03	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	NA	NA	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	0.24	NA	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<LOSQ	NA	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<LOSQ	NA	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	NA	NA	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	NA	NA	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<LOSQ	NA	<RL	<RL	<LOSQ	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	0.17	NA	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<LOSQ	<RL	<RL	0.50	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	PFUd-OS	SPrAmPr-FHxSA	TAmPr-FOSA	SPrAmPr-FHxSAPrS	CEtAmPr-N-EtFOSA	AmPr-FOAd	Am-CPr-FOSA	BPr-FPeAd	SPrAmPr-FPeSA	TAmPr-FOSAPrA	S-OHPrAmPr-FHxSAA
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	2.64	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	2.62	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	2.70	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	0.19	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	181.36	<RL	518.38	90.93	<RL	<RL	<RL	22.18	<RL
L5	4	<RL	4.70	3.42	<RL	<RL	<RL	0.53	<RL	<RL	<RL	<RL
L5	6	<RL	5.83	0.27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	1.37
L5	8	<RL	<RL	<RL	<RL	2.64	<RL	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	8.35	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	<RL	2.44	16.19	5.05	<RL	8.52	<RL	<LOSQ	<RL	<RL	2.34
L6	7	<RL	387.32*	<RL	142.47	<RL	<RL	18.82	<RL	22.51	<RL	20.75
L6	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	4.82	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	4.95	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	12.02	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	S-OHPrAmPr-FBSA	AmPr-FHxSA	SPrAmPr-FBSA	CMeAmPr-FHxSAA	SPrAmPr-FPeSAPrS	SPr-EtOHAm-Pr-FHxSA	EtOH-AmPr-FBSA-OHPrS	AmPr-FOSA	Class 38-7	CMeAmPr-FHxSA	SPrAmPr-FBSAPrS
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.10	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	<RL	40.42	<RL	<RL	<RL	8.38	4.19	<RL	<RL
L5	4	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	0.21	<RL	<RL
L5	6	<RL	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	<RL	3.76	<RL	2.03	<RL	<RL	<RL	<RL	1.92	4.64	<RL
L6	7	14.21	3.40	8.81	<RL	6.66	6.23	5.47	<RL	<RL	3.74	3.02
L6	13.5	<RL	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	AmPr-FPeSA	TAmPr-FHpSA	CEtAmPr-FOSA	Class 38-6	CMeAmPr-FPeSA	S-OHPrAmPr-FPrSA	Am-CPr-FHxSA	AmPr-FHpAd	SPrAmPr-FPrSA	TAmPr-N-MeFPeSA	SPrAmPr-FPrSAPrS
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	2.33	11.86	2.01	<RL	<RL	<RL	1.26	<RL	0.74	<RL
L5	4	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	<RL	0.66	<RL	<RL	<LOSQ	<RL	<RL	<RL	<RL	0.96	<RL
L6	7	0.64	<RL	<RL	<RL	1.46	1.40	0.54	<RL	0.65	<RL	<LOSQ
L6	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	Class 38-5	TAmPr-FHxSA	EtOH-AmPr-FHxSA-EtOH	EtOH-AmPr-FHxSA	Class 38-3	Class 38-4	EtOH-AmPr-FOSA	EtOH-AmPr-FHxSA-OHPrS	EtOH-AmPr-FOSA-EtOH	SPrAmPr-N-Me-FHxSA	AmPr-FHxSA-PrA
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	0.18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	0.29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	129.82	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	4	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	8	0.78	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	0.25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	58.30	11.89	27.80	22.05	2.49	1.84	5.46	5.73	5.50	5.00	1.78
L6	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	13.5	1.23	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	23.5	0.17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<LOSQ	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<LOSQ
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRATIONS (NG/G) AT PT. MUGU

Location	Depth (ft bgs)	CMeAmPr-FBSAA	S-OHPrAmPr-FOSAA	EtOH-AmPr-FHpSA	EtOH-AmPr-FOSA-OHPrS	TAmPr-N-MeFHpSA	EtOH-AmPr-FHpSA-EtOH	SPr-EtOHAm-Pr-FOSA	CMeAmPr-FOSA	EtOH-AmPr-FHpSA-OHPrS	AmPr-FBSA-PrA	AmPr-FPeSA-PrA
B1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B1	27	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
B2	31.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	15	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L1	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L2	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	10.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	12	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	14.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	17.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L3	22	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	1.24	<LOSQ
L3	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	4	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	6	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	8	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	10	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	29	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	31	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	34.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	39	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L5	46.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	1	1.59	<LOSQ	<LOSQ	<LOSQ	0.37	<LOSQ	<LOSQ	<LOSQ	<LOSQ	<RL	<RL
L6	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	13.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L6	23.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	16	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L7	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	7	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	8.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	12.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	14	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	17	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	20	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	23	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L8	25	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	7.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	9	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	13	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	18	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	19.5	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	21	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	34	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
L9	38	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS1	SS1	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS2	SS2	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
SS3	SS3	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

SOIL CONCENTRAT

Location	Depth (ft bgs)	TAmPr-FBSAPrA	TAmPr-FPeSAPrA
B1	1	<RL	<RL
B1	10	<RL	<RL
B1	13	<RL	<RL
B1	27	<RL	<RL
B2	1	<RL	<RL
B2	8	<RL	<RL
B2	10	<RL	<RL
B2	31.5	<RL	<RL
L1	1	<RL	<RL
L1	6	<RL	<RL
L1	9	<RL	<RL
L1	10.5	<RL	<RL
L1	12	<RL	<RL
L1	15	<RL	<RL
L1	18	<RL	<RL
L1	21	<RL	<RL
L1	23	<RL	<RL
L1	25	<RL	<RL
L2	1	<RL	<RL
L2	6	<RL	<RL
L2	10	<RL	<RL
L2	25	<RL	<RL
L3	1	<RL	<RL
L3	6	<RL	<RL
L3	8.5	<RL	<RL
L3	10.5	<RL	<RL
L3	12	<RL	<RL
L3	14.5	<RL	<RL
L3	17.5	<RL	<RL
L3	20	<RL	<RL
L3	22	<LOSQ	<LOSQ
L3	25	<RL	<RL
L5	1	<RL	<RL
L5	4	<RL	<RL
L5	6	<RL	<RL
L5	8	<RL	<RL
L5	10	<RL	<RL
L5	13.5	<RL	<RL
L5	25	<RL	<RL
L5	29	<RL	<RL
L5	31	<RL	<RL
L5	34.5	<RL	<RL
L5	39	<RL	<RL
L5	46.5	<RL	<RL
L6	1	<RL	<RL
L6	7	<RL	<RL
L6	13.5	<RL	<RL
L6	23.5	<RL	<RL
L7	1	<RL	<RL
L7	7	<RL	<RL
L7	16	<RL	<RL
L7	25	<RL	<RL
L8	1	<RL	<RL
L8	7	<RL	<RL
L8	8.5	<RL	<RL
L8	12.5	<RL	<RL
L8	14	<RL	<RL
L8	17	<RL	<RL
L8	18	<RL	<RL
L8	20	<RL	<RL
L8	23	<RL	<RL
L8	25	<RL	<RL
L9	1	<RL	<RL
L9	7.5	<RL	<RL
L9	9	<RL	<RL
L9	13	<RL	<RL
L9	18	<RL	<RL
L9	19.5	<RL	<RL
L9	21	<RL	<RL
L9	24	<RL	<RL
L9	34	<RL	<RL
L9	38	<RL	<RL
SS1	SS1	<RL	<RL
SS2	SS2	<RL	<RL
SS3	SS3	<RL	<RL

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PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA
B1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	15	24	45	21	<LOQ	<LOD	<LOD	<LOD
B1	25	38	38	36	<LOQ	<LOD	<LOD	<LOD
B1	38	38	34	14	<LOQ	<LOQ	<LOD	<LOD
B2	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	10	20	26	<LOQ	<LOQ	<LOD	<LOD	<LOD
L1	17	40	72	43	34	53	<LOD	<LOD
L1	24	41	51	54	<LOQ	24	<LOD	<LOD
L1	44	21	19	14	<LOQ	<LOD	<LOD	<LOD
L2	24	1200	4200	6200	1400	6200	<LOD	<LOD
L2	38	<LOD	370	1000	<LOQ	3700	<LOD	<LOD
L3	13	7000	21000	31000	3400	24000	140	<LOD
L3	20	370	150	310	78	920	<LOQ	<LOD
L3	30	200	78	170	30	300	<LOD	<LOD
L3	38	<LOD	32	70	<LOD	47	<LOD	<LOD
L5	11.5	<LOD	38000	93000	7600	150000	630	<LOD
L5	27	2300	3100	6000	1100	3900	<LOD	<LOD
L5	35	130	300	770	170	1100	<LOQ	<LOD
L5	44	<LOD	<LOQ	31	<LOQ	130	<LOD	<LOD
L6	12	240000	500000	500000	500000	500000	3300	160
L6	23	<LOQ	10000	10000	10000	9900	130	<LOD
L7	6	<LOD	<LOD	<LOD	<LOQ	<LOQ	<LOD	<LOD
L7	11	<LOD	<LOD	<LOQ	1600	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOQ	<LOQ	<LOD	<LOD
L8	13	550	230	560	96	930	14	<LOD
L8	19	320	110	310	54	480	<LOQ	<LOD
L8	35	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD
L8	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	38	28	24	<LOQ	11	<LOD	<LOD
L9	12	<LOD	<LOD	27	<LOQ	13	<LOD	<LOD
L9	34	23	24	<LOQ	<LOD	<LOD	<LOD	<LOD
L9	44	27	24	<LOQ	<LOQ	<LOD	<LOD	<LOD

Need dilution - Kept as value in ">Value"

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA	PFODA	PFPrS
B1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	5200	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	4500	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	1400	<LOD
B2	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	790	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	240	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	320	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	170	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD	<LOD	740	510
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110
L3	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	700
L3	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ
L3	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ
L3	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ
L5	11.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	290
L5	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	410
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32
L5	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	400	190000
L6	23	<LOD	<LOD	<LOD	<LOD	<LOD	360	2000
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34
L8	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ
L8	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	460	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	720	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	540	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	470	<LOD

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PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	PFBS	PFPeS	PFHxS	PFHpS	PFOS	PFNS	PFDS
B1	10	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD
B2	15	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD
B2	28	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD
B2	38	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD
L1	10	<LOD	<LOQ	11	<LOD	24	<LOD	<LOD
L1	17	15	20	120	<LOD	23	<LOD	<LOD
L1	24	<LOQ	12	39	<LOD	<LOQ	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD
L2	24	1900	2600	9500	27	45	<LOD	<LOD
L2	38	570	360	1300	<LOD	<LOQ	<LOD	<LOD
L3	13	3600	4300	40000	1300	63000	<LOD	<LOD
L3	20	94	150	1000	61	4800	<LOD	<LOD
L3	30	<LOQ	49	270	<LOD	130	<LOD	<LOD
L3	38	<LOQ	<LOQ	23	<LOD	17	<LOD	<LOD
L5	11.5	23000	35000	190000	7400	210000	31	<LOD
L5	27	4100	4400	24000	660	1800	<LOD	<LOD
L5	35	250	350	1500	41	1400	<LOD	<LOD
L5	44	<LOQ	18	150	<LOQ	320	<LOD	<LOD
L6	12	500000	500000	500000	67000	500000	1100	<LOD
L6	23	9900	10000	10000	2700	10000	<LOQ	<LOD
L7	6	<LOD	<LOD	<LOQ	<LOD	<LOQ	<LOD	<LOD
L7	11	<LOD	<LOD	<LOQ	<LOD	<LOQ	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD
L8	13	160	140	930	27	2900	<LOD	<LOD
L8	19	82	100	550	<LOQ	1100	<LOD	<LOD
L8	35	<LOD	<LOD	<LOD	<LOD	11	<LOD	<LOD
L8	40	<LOD	<LOD	<LOD	<LOD	12	<LOD	<LOD
L9	8	<LOQ	12	71	<LOD	15	<LOD	<LOD
L9	12	<LOD	<LOD	42	<LOD	84	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	12	<LOD	<LOD
L9	44	<LOD	<LOD	<LOQ	<LOD	19	<LOD	<LOD

Need dilution - Kept as value in ">Value"

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	PFDoS	Cl-PFOS	PFEtCHxS	FBSA	FHxSA	FOSA	MeFOSA
B1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	38	<LOD	<LOD	<LOD	<LOD
L2	38	<LOD	<LOD	<LOQ	<LOD	<LOQ	<LOD	26
L3	13	<LOD	<LOD	1000	<LOD	1600	<LOD	<LOD
L3	20	<LOD	<LOD	33	<LOD	480	<LOD	<LOD
L3	30	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD
L3	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	11.5	<LOD	<LOD	4400	2000	9200	57	<LOD
L5	27	<LOD	<LOD	450	150	120	<LOD	<LOD
L5	35	<LOD	<LOD	18	<LOD	86	<LOD	<LOD
L5	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	12	<LOD	410	45000	<LOD	<LOD	780	<LOD
L6	23	<LOD	42	1400	540	1600	<LOD	<LOQ
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ
L8	13	<LOD	<LOD	<LOQ	<LOD	9700	<LOD	<LOD
L8	19	<LOD	<LOD	<LOQ	<LOD	54	<LOD	<LOD
L8	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	EtFOSA	FOSAA	MeFOSAA	EtFOSAA	4:2 FTS	6:2 FTS	8:2 FTS
B1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ
L2	24	<LOD	<LOD	<LOD	<LOD	110	4400	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD	<LOQ	39	<LOD
L3	13	<LOD	<LOD	<LOD	<LOD	<LOD	4500	670
L3	20	<LOD	<LOD	<LOD	<LOD	<LOD	220	180
L3	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L3	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	11.5	<LOD	<LOD	<LOQ	<LOD	55	5400	1100
L5	27	<LOD	<LOD	<LOD	<LOD	29	450	<LOD
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOQ
L5	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	330	230000	7100
L6	23	<LOD	<LOD	<LOD	<LOD	<LOD	2600	510
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L8	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L8	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	10:2 FTS	3:3 FTCA	5:3 FTCA	7:3 FTCA	4:2 FTCA	6:2 FTCA	8:2 FTCA
B1	10	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	<LOD	94	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	81	<LOD	<LOD	<LOD	<LOD	<LOD
B2	28	<LOD	520	<LOD	<LOD	<LOD	<LOD	<LOQ
B2	38	<LOD	1200	<LOD	<LOQ	<LOD	48	<LOQ
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L3	13	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD
L3	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	38	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD
L5	11.5	<LOD	20	<LOD	68	<LOD	<LOD	<LOD
L5	27	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L8	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	35	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD
L8	40	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	10:2 FTCA	6:2 UFTCA	8:2 UFTCA	10:2 UFTCA	ADONA	)Cl-PF3ONS	11l-PF3OUdS
B1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	28	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	38	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	11.5	<LOQ	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD
L5	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	MeFDSAA	MeFDoSAA	7:3 K-FTTh-K-OH-PrA	14:2 UFTCA	BPr-FTrDAd	EtFPeSAA	AmPr-FOSA-PrA
B1	10	<LOD	<LOD	818	<LOD	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	<LOD	<LOD	819	<LOD	<LOD	25	9
B2	15	<LOD	<LOD	799	<LOD	<LOD	18	12
B2	28	<LOD	<LOD	1990	<LOD	<LOD	9	93
B2	38	<LOD	<LOD	2567	<LOD	<LOD	12	123
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	104	28	911	75	52	<LOD	<LOD
L2	38	129	38	947	10	24	<LOD	<LOD
L3	13	<LOD	<LOD	1079	<LOD	<LOD	<LOD	<LOD
L3	20	<LOD	<LOD	1021	<LOD	<LOD	<LOD	<LOD
L3	30	<LOD	<LOD	1044	<LOD	<LOD	<LOD	<LOD
L3	38	<LOD	<LOD	944	<LOD	<LOD	<LOD	<LOD
L5	11.5	<LOD	<LOD	884	<LOD	<LOD	18	108
L5	27	<LOD	<LOD	1021	<LOD	<LOD	53	61
L5	35	132	44	1700	78	110	16	<LOD
L5	44	<LOD	<LOD	987	<LOD	<LOD	<LOD	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	119	36	938	432	53	<LOD	8
L7	6	108	28	881	9	57	5	<LOD
L7	11	207	79	891	33	74	11	<LOD
L7	35	113	33	841	9	56	<LOD	<LOD
L7	40	107	30	868	9	82	<LOD	<LOD
L8	13	<LOD	<LOD	1088	<LOD	<LOD	<LOD	10
L8	19	<LOD	<LOD	1031	<LOD	<LOD	<LOD	<LOD
L8	35	<LOD	<LOD	1017	<LOD	<LOD	<LOD	<LOD
L8	40	<LOD	<LOD	1017	<LOD	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	8:2 FTSA-Pr-MeAA	CEtAmPr-FOSA	3:3 K-FTTh-K-OH-PrA	5:3 K-FTTh-K-OH-PrA	SPrAmPr-FHxSAA	AmPr-FTrDSA-PrA	CEtAmPr-FTrDSA
B1	10	81	81	1078	932	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	30	30	1157	930	<LOD	<LOD	<LOD
B2	15	38	38	1335	910	<LOD	<LOD	<LOD
B2	28	120	120	3537	976	<LOD	<LOD	<LOD
B2	38	121	121	232	1046	<LOD	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	54	54	969	6363	10	<LOD	<LOD
L2	38	18	18	1102	5013	<LOD	<LOD	<LOD
L3	13	88	88	1110	1078	<LOD	<LOD	<LOD
L3	20	24	24	1054	1046	<LOD	<LOD	<LOD
L3	30	38	38	962	1069	<LOD	<LOD	<LOD
L3	38	39	39	932	1043	<LOD	<LOD	<LOD
L5	11.5	94	94	<LOD	1995	<LOD	<LOD	<LOD
L5	27	132	132	735	727	<LOD	<LOD	<LOD
L5	35	41	41	1118	1428	9	588	205
L5	44	55	55	1094	1056	<LOD	<LOD	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	137	137	764	83481	53	<LOD	<LOD
L7	6	39	39	874	9770	<LOD	<LOD	<LOD
L7	11	19	19	29	6431	<LOD	<LOD	<LOD
L7	35	31	31	976	9136	<LOD	<LOD	<LOD
L7	40	44	44	7430	7994	<LOD	<LOD	<LOD
L8	13	67	67	1139	1166	<LOD	<LOD	<LOD
L8	19	38	38	1065	1062	<LOD	<LOD	<LOD
L8	35	66	66	1091	1059	<LOD	<LOD	<LOD
L8	40	33	33	1117	1040	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	OAmPr-FEtSA	6:3 FTCA	12:2 FTTh-AdPrAdPeA	2:2 UFTCA	5:2 UFTCA	PFBCPeCA	SPr-FBSA
B1	10	<LOD	70	<LOD	<LOD	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	<LOD	138	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	525	<LOD	<LOD	<LOD	<LOD	<LOD
B2	28	<LOD	836	<LOD	<LOD	<LOD	<LOD	<LOD
B2	38	<LOD	524	<LOD	<LOD	<LOD	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	1796	343	<LOD	76	<LOD	74	392
L2	38	2315	109	<LOD	293	<LOD	88	35
L3	13	<LOD	96	<LOD	<LOD	<LOD	<LOD	<LOD
L3	20	<LOD	31	<LOD	<LOD	<LOD	<LOD	<LOD
L3	30	<LOD	32	<LOD	<LOD	<LOD	<LOD	<LOD
L3	38	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD
L5	11.5	<LOD	583	<LOD	<LOD	<LOD	<LOD	<LOD
L5	27	<LOD	71	<LOD	<LOD	<LOD	<LOD	<LOD
L5	35	1858	234	420	216	<LOD	65	<LOD
L5	44	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	4063	5106	<LOD	283	<LOD	17	658
L7	6	3659	586	<LOD	114	<LOD	<LOD	<LOD
L7	11	4603	888	<LOD	1552	<LOD	<LOD	<LOD
L7	35	5860	226	<LOD	155	<LOD	<LOD	<LOD
L7	40	6607	155	<LOD	112	<LOD	<LOD	<LOD
L8	13	<LOD	70	<LOD	<LOD	<LOD	<LOD	<LOD
L8	19	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD
L8	35	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD
L8	40	<LOD	40	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	AmPr-FHpSA	4:2 FTOS	8:2 FTKS	BPr-FUdAd	4:2 FTSO2PrA	O-PFBS	K-PFBS
B1	10	332	<LOD	<LOD	127	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	93	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	260	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	190	<LOD	<LOD
B2	10	418	<LOD	<LOD	95	<LOD	<LOD	<LOD
B2	15	191	<LOD	<LOD	76	254	<LOD	<LOD
B2	28	19	<LOD	<LOD	31	739	<LOD	<LOD
B2	38	28	<LOD	<LOD	38	54	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	70	<LOD	<LOD
L2	24	301	6	<LOD	28	92	10	12
L2	38	285	<LOD	<LOD	14	<LOD	8	<LOD
L3	13	1005	<LOD	<LOD	39	12	<LOD	<LOD
L3	20	586	<LOD	<LOD	40	<LOD	<LOD	<LOD
L3	30	537	<LOD	<LOD	46	<LOD	<LOD	<LOD
L3	38	606	<LOD	<LOD	41	<LOD	<LOD	<LOD
L5	11.5	172	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	27	222	<LOD	<LOD	116	<LOD	<LOD	<LOD
L5	35	269	3159	82	92	29	59	8
L5	44	699	<LOD	<LOD	69	<LOD	<LOD	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	198	6	<LOD	42	50	21	30
L7	6	147	<LOD	<LOD	38	<LOD	12	<LOD
L7	11	118	131	<LOD	47	<LOD	34	8
L7	35	142	<LOD	<LOD	27	<LOD	9	<LOD
L7	40	105	<LOD	<LOD	55	45	8	<LOD
L8	13	647	<LOD	<LOD	62	<LOD	<LOD	<LOD
L8	19	478	<LOD	<LOD	49	<LOD	<LOD	<LOD
L8	35	922	<LOD	<LOD	56	<LOD	<LOD	<LOD
L8	40	871	<LOD	<LOD	40	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	80	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	PFPr-OS	PFB-OS	PFO-OS	6:2 FTSO2PrAd-DiMeEtS	6:2 FTOS	SPr-FPeSA	H-PFOS
B1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	38	<LOD	<LOD	6	<LOD	19	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	10	<LOD	<LOD	<LOD	87	510	<LOD
L2	38	8	<LOD	<LOD	6	<LOD	25	<LOD
L3	13	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD
L3	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	11.5	<LOD	<LOD	30	<LOD	<LOD	<LOD	<LOD
L5	27	<LOD	<LOD	<LOD	<LOD	27	<LOD	<LOD
L5	35	59	6	7	1537	8	<LOD	<LOD
L5	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	12	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD
L6	23	21	73	59	50	170	1081	27
L7	6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	34	<LOD	<LOD	61	<LOD	<LOD	<LOD
L7	35	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	4:2 FTThA	H-UPFN-O/OH	MeFBSAA	12:2 FTSi	CLASS_20_A_C17	PeH-FTrDOS	6:3 FTS
B1	10	<LOD	196	377	<LOD	19	43	8
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	<LOD	317	187	92	3663	314	77
B2	15	<LOD	305	220	79	2180	341	89
B2	28	<LOD	192	355	204	6658	1019	51
B2	38	<LOD	224	<LOD	399	33577	2622	66
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	13	<LOD	270	266	<LOD	15	109	<LOD
L3	20	<LOD	306	14	<LOD	9	56	<LOD
L3	30	<LOD	262	420	<LOD	<LOD	50	<LOD
L3	38	<LOD	272	<LOD	<LOD	6	41	<LOD
L5	11.5	<LOD	979	7	37	2634	6946	26
L5	27	<LOD	347	17	35	4247	1328	27
L5	35	100	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	<LOD	235	<LOD	<LOD	6	28	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	320	18	<LOD	126	117	<LOD
L8	19	<LOD	242	9	<LOD	60	45	<LOD
L8	35	<LOD	259	325	<LOD	110	45	<LOD
L8	40	<LOD	278	517	<LOD	17	69	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	3:1 PFBS	10:2 FTSi	UPFHxS	PFCHxS	PFMeCPeS	10:2 FTTh-OHPrA	10:2 FTSO-PrA
B1	10	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	22	4791	<LOD	<LOD	<LOD	204	204
B2	15	29	5288	<LOD	<LOD	<LOD	172	172
B2	28	84	25439	<LOD	<LOD	<LOD	1112	1112
B2	38	204	56863	<LOD	<LOD	<LOD	3475	3475
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	13	550	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	20	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	30	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	38	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	11.5	330	5797	22	22	22	2550	2550
L5	27	83	1291	105	105	105	2385	2385
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	19	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	35	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	40	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	9:3 FTS	FTrDSAA	DiCl-PFHpS	CMeAmPr-FOSA	AmPr-FMeSA-PrA	AmPr-FUdSA-PrA	CEtAmPr-FMeSA
B1	10	<LOD	<LOD	<LOD	160	77	20	999
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	56	<LOD	<LOD	130	407	96	1186
B2	15	86	10	<LOD	155	455	117	1357
B2	28	187	136	<LOD	136	1378	377	1770
B2	38	416	295	376	165	2102	714	2069
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	13	<LOD	<LOD	<LOD	37	34	<LOD	550
L3	20	<LOD	<LOD	<LOD	47	31	<LOD	410
L3	30	<LOD	<LOD	<LOD	71	31	<LOD	415
L3	38	<LOD	<LOD	<LOD	71	28	<LOD	390
L5	11.5	528	<LOD	27	441	2095	1649	1843
L5	27	476	<LOD	31	270	705	565	1499
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	<LOD	<LOD	<LOD	83	30	<LOD	436
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	<LOD	<LOD	97	134	19	791
L8	19	<LOD	<LOD	<LOD	65	66	<LOD	808
L8	35	<LOD	<LOD	<LOD	84	22	<LOD	319
L8	40	<LOD	<LOD	<LOD	84	50	<LOD	505
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	CEtAmPr-FUdSA	CLASS_20_A_C22	OAmPr-FDSA	O-PFPeS	PFHx-OS	EtFHxSA	EtFHpSA
B1	10	281	515	265	<LOD	<LOD	23	11
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	284	742	433	<LOD	<LOD	12	<LOD
B2	15	352	875	527	<LOD	<LOD	8	<LOD
B2	28	484	1671	909	<LOD	<LOD	9	<LOD
B2	38	703	2136	481	<LOD	85	14	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	13	45	56	134	<LOD	<LOD	20	92
L3	20	36	56	121	<LOD	<LOD	11	6
L3	30	33	75	116	<LOD	<LOD	6	7
L3	38	33	47	115	<LOD	<LOD	12	<LOD
L5	11.5	1451	3297	347	35	76	13	29
L5	27	927	1842	452	12	23	17	15
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	60	13	176	<LOD	<LOD	14	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	<LOD	<LOD	<LOD	73	<LOD	<LOD	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	121	206	37	<LOD	<LOD	13	7
L8	19	43	93	134	<LOD	<LOD	7	<LOD
L8	35	48	36	132	<LOD	<LOD	11	14
L8	40	38	25	107	<LOD	<LOD	8	7
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	8:1 PFNS	H-PFOA	PFPe-OS	1OH-4:2 FTS	H-PFHxA	14:2 FTTh-CPrAd-PrAm	BPr-FNAd
B1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	10	<LOD	159	603	<LOD	28	114
B2	15	6	<LOD	144	<LOD	<LOD	46	85
B2	28	6	<LOD	1112	803	138	90	58
B2	38	<LOD	187	3657	6425	322	246	83
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD
L2	38	<LOD	<LOD	9	<LOD	<LOD	<LOD	<LOD
L3	13	7	<LOD	44	<LOD	<LOD	<LOD	86
L3	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36
L3	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54
L3	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19
L5	11.5	12	<LOD	647	7	<LOD	234	122
L5	27	6	26	202	<LOD	26	200	244
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	<LOD	<LOD	244	<LOD	<LOD	<LOD	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	1344	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	223
L8	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	171
L8	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	148
L8	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	MeFEtSAA	MeFPeSA	9:3 FTCA	10:3 FTS	diOHBAmPr-FPeSA	H-PFDA	4:2 OH-MeOH-FTTh-PrA
B1	10	<LOD	13	55	<LOD	96	18	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21
B2	10	144	13	316	16	53	90	102
B2	15	59	12	297	24	101	108	116
B2	28	62	7	1571	79	94	260	358
B2	38	24	28	3738	184	8	418	43
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8
L3	13	165	36	230	<LOD	271	184	20
L3	20	431	35	56	<LOD	82	19	7
L3	30	<LOD	39	55	<LOD	73	<LOD	<LOD
L3	38	473	34	52	<LOD	48	22	<LOD
L5	11.5	393	57	632	79	55	1654	<LOD
L5	27	160	22	230	102	377	141	<LOD
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	412	45	54	<LOD	43	9	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65
L8	13	9	81	55	<LOD	658	57	6
L8	19	<LOD	54	55	<LOD	425	12	<LOD
L8	35	473	47	58	<LOD	404	11	<LOD
L8	40	483	49	58	<LOD	52	25	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	4:3 K-FTTh-OH-PrA	H-PFBS	CLASS_20_A_C14	H-PFEtS	2:2 FTTh-CPrAd-PrAm	H-PFHpA	8:2 FTThA
B1	10	82	<LOD	66	7	60	<LOD	220
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	2912	<LOD	53	8	53	<LOD	598
B2	15	3602	<LOD	107	8	68	<LOD	647
B2	28	9994	<LOD	49	72	51	26	1789
B2	38	555	<LOD	<LOD	<LOD	<LOD	142	2236
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	17	<LOD	<LOD	<LOD	23	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	13	325	<LOD	364	<LOD	81	59	58
L3	20	105	<LOD	160	7	56	<LOD	51
L3	30	55	<LOD	84	10	20	<LOD	<LOD
L3	38	58	<LOD	94	7	26	<LOD	<LOD
L5	11.5	24	<LOD	29	9	<LOD	50	4510
L5	27	404	<LOD	426	7	278	720	276
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	23	<LOD	61	<LOD	17	<LOD	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	<LOD	<LOD	<LOD	<LOD	<LOD	166	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	12	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	24	<LOD
L8	13	116	<LOD	512	7	278	<LOD	33
L8	19	40	<LOD	469	7	144	<LOD	<LOD
L8	35	34	<LOD	306	7	17	<LOD	<LOD
L8	40	61	<LOD	87	7	10	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	6:3 K-FTTh-K-OH-PrA	8:2 FTSi	2:2 FTTh-AdPrAdPeA	CLASS_20_A_C15	H-PFDS	1OH-5:2 FTS	O-U-PFOA
B1	10	115	14	19	55	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	10	267	34	<LOD	108	<LOD	<LOD	<LOD
B2	15	161	24	37	100	<LOD	<LOD	<LOD
B2	28	551	67	34	69	<LOD	<LOD	<LOD
B2	38	1382	100	<LOD	56	<LOD	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD	<LOD	11	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	13	415	37	30	262	<LOD	<LOD	<LOD
L3	20	47	7	17	60	<LOD	<LOD	<LOD
L3	30	77	6	<LOD	42	<LOD	<LOD	<LOD
L3	38	79	<LOD	<LOD	18	<LOD	<LOD	<LOD
L5	11.5	3895	839	<LOD	65	<LOD	<LOD	<LOD
L5	27	162	84	93	239	<LOD	<LOD	<LOD
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	31	<LOD	<LOD	37	<LOD	<LOD	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	23	<LOD	<LOD	<LOD	<LOD	81	56	8
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	58	<LOD	84	472	<LOD	<LOD	<LOD
L8	19	49	<LOD	54	147	<LOD	<LOD	<LOD
L8	35	61	<LOD	14	186	<LOD	<LOD	<LOD
L8	40	108	<LOD	<LOD	27	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	PFPeSi	PFHp-OS	O-U-PFHpA	10:1 H-FTB	Cl-PFPrS	UPFOS	PFPrCPeS
B1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	60	14	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	44	27	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	47	42	<LOD	<LOD
B2	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD	<LOD	16	16
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	11.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	12	<LOD	<LOD	880	<LOD	<LOD	8400	8400
L6	23	31	13	<LOD	<LOD	<LOD	210	210
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	18	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	diOHPrAm-MeOHPr-FNSA	4:2 FTSO-PrAd-DiMePrS	PFBCHxCA	MeFMeSAA	MeFPrAA	FHpSA	diOHPrAm-MeOHPr-FUdSA
B1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	15	30	<LOQ	<LOQ	15	14	19	<LOD
B1	25	36	68	<LOD	17	16	<LOD	<LOD
B1	38	33	47	<LOQ	16	17	18	<LOD
B2	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	19	17	<LOD	27
L1	17	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	17	13	<LOD	28
L1	44	<LOD	<LOQ	<LOD	16	14	<LOD	28
L2	24	<LOD	34	15	59	98	<LOD	27
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	11.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	12	220	24	<LOQ	2500	3200	<LOD	37
L6	23	30	<LOD	<LOD	<LOD	260	<LOD	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	<LOD	<LOQ	<LOD	18	16	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	14	14	46	<LOD
L9	34	<LOD	19	<LOD	17	14	<LOD	28
L9	44	<LOD	29	<LOD	16	15	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	CMeAmPr-FPrSA	S-OHPrAmPr-FPeSA	SPr-FHxSA	O-U-PFUdA	S-OHPrAmPr-FHxSA	OAmPr-FHxSA	OAmPr-FNSA
B1	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1	15	140	<LOD	380	<LOD	74	36	49
B1	25	150	<LOD	580	<LOD	<LOD	35	<LOD
B1	38	1200	33	490	<LOD	39	34	30
B2	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	10	96	<LOD	630	<LOD	34	30	<LOD
L1	17	200	30	560	<LOD	27	31	33
L1	24	37	47	650	<LOD	<LOD	29	<LOD
L1	44	<LOD	<LOD	830	<LOD	<LOD	<LOD	<LOD
L2	24	860	100	890	<LOD	86	32	34
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	11.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	12	840	<LOD	1100000	41	84000	130	600
L6	23	30	1700	50000	<LOD	5500	300	34
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	1300	<LOD	470	<LOD	<LOD	32	<LOD
L9	12	1700	31	360	<LOD	<LOD	46	100
L9	34	68	<LOD	660	<LOD	<LOD	<LOD	<LOD
L9	44	70	<LOD	870	<LOD	<LOD	<LOD	<LOD

PFAS GROUNDWATER DATA FOR PT.MUGU (NG/L)

Location	Depth (ft bgs)	Cl-PFOA	1OH-12:2 FTS	12:2 FTOS	12:3 K-FTTh-K-OH-PrA	FBSAA	2:2 FTTh-EtAdPrB
B1	10	<LOD	<LOD	<LOD	<LOD	<LOD	12
B1	15	<LOD	<LOD	<LOD	<LOQ	12000	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD	13000	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD	17000	<LOD
B2	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	<LOD	<LOD	<LOD	<LOD	38
B2	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD	11000	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD	4700	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD	6500	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD	3300	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD	6800	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3	38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	11.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5	35	<LOD	<LOD	<LOD	<LOD	<LOD	28
L5	44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6	12	120	19	19	30	<LOD	<LOD
L6	23	<LOD	<LOD	<LOD	<LOD	66000	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8	35	<LOD	<LOD	<LOD	<LOD	<LOD	12
L8	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD	13000	<LOD
L9	12	<LOQ	<LOD	<LOD	<LOD	9700	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD	11000	<LOD
L9	44	<LOD	<LOD	<LOD	<LOQ	7100	<LOD

PFAS GROUNDWATER DATA FOR PT.MU(

Location	Depth (ft bgs)	4:3 di(MeOH) MeOCO-FTB	TAmPr-FEtSA	S-OHPrAmPr-FHxSAA	6:2 FTSO-EtAdPrTAm
B1	10	<LOD	42	<LOD	<LOD
B1	15	<LOD	<LOD	<LOD	<LOD
B1	25	<LOD	<LOD	<LOD	<LOD
B1	38	<LOD	<LOD	<LOD	<LOD
B2	10	<LOD	<LOD	<LOD	<LOD
B2	15	<LOD	14	<LOD	<LOD
B2	28	<LOD	30	<LOD	11
B2	38	<LOD	<LOD	<LOD	<LOD
L1	10	<LOD	<LOD	<LOD	<LOD
L1	17	<LOD	<LOD	<LOD	<LOD
L1	24	<LOD	<LOD	<LOD	<LOD
L1	44	<LOD	<LOD	<LOD	<LOD
L2	24	<LOD	<LOD	<LOD	<LOD
L2	38	<LOD	<LOD	<LOD	<LOD
L3	13	<LOD	<LOD	<LOD	<LOD
L3	20	<LOD	48	<LOD	<LOD
L3	30	<LOD	21	<LOD	<LOD
L3	38	<LOD	<LOD	<LOD	<LOD
L5	11.5	17	<LOD	61	<LOD
L5	27	<LOD	42	<LOD	<LOD
L5	35	<LOD	<LOD	<LOD	<LOD
L5	44	<LOD	<LOD	<LOD	<LOD
L6	12	<LOD	<LOD	<LOD	<LOD
L6	23	<LOD	<LOD	<LOD	<LOD
L7	6	<LOD	<LOD	<LOD	<LOD
L7	11	<LOD	<LOD	<LOD	<LOD
L7	35	<LOD	<LOD	<LOD	<LOD
L7	40	<LOD	<LOD	<LOD	<LOD
L8	13	<LOD	23	<LOD	<LOD
L8	19	<LOD	81	<LOD	<LOD
L8	35	<LOD	<LOD	<LOD	<LOD
L8	40	<LOD	21	<LOD	<LOD
L9	8	<LOD	<LOD	<LOD	<LOD
L9	12	<LOD	<LOD	<LOD	<LOD
L9	34	<LOD	<LOD	<LOD	<LOD
L9	44	<LOD	<LOD	<LOD	<LOD

APPENDIX E: NALF FENTRESS

E.1 Soil Adsorption Coefficients and Retardation Factors

E.2 HPT and Boring Logs

E.3 Groundwater Field Parameters

E.4 VOCs and Soil

E.5 PFAS Results

E.1 Soil Adsorption Coefficients and Retardation Factors

SOIL ADSORPTION COEFFICIENTS AND RETARDATION FACTORS AT NALF FENTRESS

			Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample Mid point (ft bgs)	PFBA	PFBA	PFBA	PFBA	PFBA	PFPeA	PFPeA	PFPeA	PFPeA	PFPeA
L1	6.5	6	0.00	29				0.00	340			
L1	12.5	11	0.00	0				0.00	120			
L1	16	18	0.00	0				0.00	32			
L1	24	24	0.00	0				0.00	0			
L1	41	41	0.00	0				0.00	0			
L2	6	6	0.00	0				0.00	500			
L2	12	11	0.00	34				0.00	190			
L2	20	19	0.00	0				0.00	67			
L2	25	24	0.00	0				0.00	0			
L3	6	6	0.00	50				2.31	36000	0.1	21.4	1
L3	12.5	11	0.00	0				0.00	360			
L3	20	21	0.00	0				0.00	0			
L3	29	29	0.00	0				0.00	35			
L4	12	13	0.00	58				0.00	350			
L4	20	21	0.00	44				0.00	300			
L4	27	26	0.00	31				0.00	260			
L5	12.5	11	0.00	0				0.00	0			
L5	20	19	0.00	0				0.68	37	18.3	26071.9	86
L5	25	24	0.00	0				0.00	43			
L6	6	6	0.00	0				0.00	170			
L6	13	11	0.00	0				0.00	180			
L6	18	19	0.00	0				0.00	40			
L6	26.5	25	0.00	0				0.00	310			
L7	4	6	0.00	240				0.92	990	0.9	90.3	3
L7	11	11	0.00	730				0.00	4600			
L7	20	19	0.00	0				0.63	120	5.3	1757.1	26
L7	25	25	0.00	0				0.00	540			

SOIL ADSORPTION COEFFICIENTS AND RETARDATION FACTORS AT NALF FENTRESS

			Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample Mid point (ft bgs)	PFBA	PFBA	PFBA	PFBA	PFBA	PFPeA	PFPeA	PFPeA	PFPeA	PFPeA
L8	6.5	6	0.00	59				0.00	960			
L8	12	11	0.00	0				0.00	120			
L8	20	21	0.00	0				0.00	83			
L8	29	29	0.00	72				0.00	34			
L9	12	11	0.00	0				0.00	72			
L9	20	21	0.00	400				0.00	0			
L9	24	24	0.00	79				0.00	1500			

			Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample Mid point (ft bgs)	PFHxA	PFHxA	PFHxA	PFHxA	PFHxA	PFOA	PFOA	PFOA	PFOA	PFOA
L1	6.5	6	0.00	130				0.65	270	2.4	800.9	12
L1	12.5	11	0.00	140				0.00	680			
L1	16	18	0.00	220				0.00	1100			
L1	24	24	0.00	140				1.20	570	2.1	500.1	11
L1	41	41	0.00	0				0.00	26			
L2	6	6	0.61	1300	0.5	155.2	3	1.90	1200	1.6	527.6	8
L2	12	11	0.00	280				0.00	420			
L2	20	19	0.53	300				2.13	1600			
L2	25	24	0.00	120				0.90	500			
L3	6	6	5.61	120000	0.0	15.6	1	4.99	73000	0.1	22.8	1
L3	12.5	11	0.00	290				0.00	380			
L3	20	21	0.47	270				3.78	1300			
L3	29	29	0.11	67				0.00	170			
L4	12	13	0.00	410				0.36	1300			
L4	20	21	0.44	670				1.34	12000			
L4	27	26	0.82	660	1.2	108.3	4	5.43	8300	0.7	56.9	3
L5	12.5	11	0.00	0				0.00	0			
L5	20	19	0.28	97				0.59	370			
L5	25	24	0.30	130				0.52	710			
L6	6	6	0.47	200				0.00	780			
L6	13	11	0.15	240				0.00	1000			
L6	18	19	0.11	75				0.00	380			
L6	26.5	25	0.52	820				3.24	10000			
L7	4	6	1.42	1700	0.8	81.3	3	6.94	9000	0.8	74.8	3
L7	11	11	0.98	26000	0.0	12.5	1	2.29	89000	0.0	8.6	1
L7	20	19	0.24	290	0.8	281.5	5	0.54	970	0.6	186.1	4
L7	25	25	0.36	1400	0.3	76.5	2	1.00	8000	0.1	36.9	2

			Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample Mid point (ft bgs)	PFHxA	PFHxA	PFHxA	PFHxA	PFHxA	PFOA	PFOA	PFOA	PFOA	PFOA
L8	6.5	6	0.50	690	0.7	243.6	4	0.67	1100	0.6	201.7	4
L8	12	11	0.47	360	1.3	1192.9	7	0.41	1200	0.3	309.1	3
L8	20	21	0.33	230	1.4	471.7	8	0.44	1800	0.2	81.3	2
L8	29	29	0.67	1200	0.6	169.0	3	5.87	0			
L9	12	11	0.89	110	8.1	1191.9	39	3.32	710	4.7	687.5	23
L9	20	21	0.60	3400	0.2	59.1	2	1.71	14000	0.1	40.7	2
L9	24	24	0.81	3000	0.3	385.8	2	2.53	14000	0.2	257.7	2

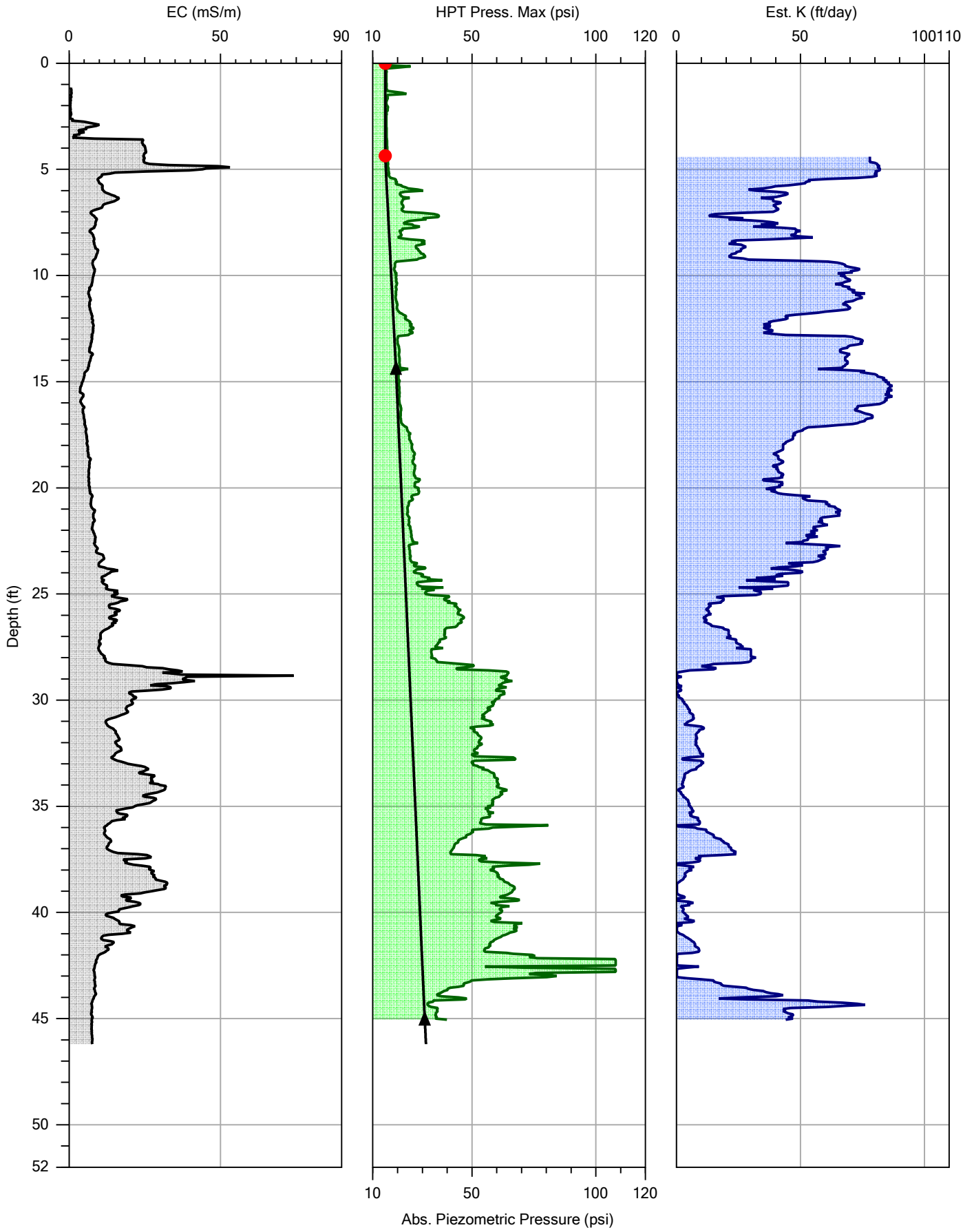
			Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample Mid point (ft bgs)	PFBS	PFBS	PFBS	PFBS	PFBS	PFHxS	PFHxS	PFHxS	PFHxS	PFHxS
L1	6.5	6	0.04	35	1.1	379.3	6	0.95	540	1.8	586.5	9
L1	12.5	11	0.00	47				0.23	930	0.3	418.7	2
L1	16	18	0.04	40	1.0	345.6	6	0.63	1300	0.5	161.4	3
L1	24	24	0.00	45				0.72	1100	0.7	154.8	4
L1	41	41	0.00	0				0.00	0			
L2	6	6	0.16	260	0.6	204.9	4	6.51	4900	1.3	443.2	7
L2	12	11	0.00	63				0.65	1300			
L2	20	19	0.10	46				2.94	900			
L2	25	24	0.00	30				0.63	750			
L3	6	6	0.83	2500	0.3	110.8	2	39.14	410000	0.1	31.8	1
L3	12.5	11	0.00	53				0.30	990			
L3	20	21	0.00	0				1.14	830			
L3	29	29	0.00	26				0.00	220			
L4	12	13	0.00	100				0.87	2000			
L4	20	21	0.00	140				1.53	1200			
L4	27	26	0.00	130				2.54	1200	2.1	183.7	6
L5	12.5	11	0.00	0				0.00	27			
L5	20	19	0.00	39				1.22	750			
L5	25	24	0.00	46				0.72	730			
L6	6	6	0.00	39				0.42	990			
L6	13	11	0.00	52				0.45	1700			
L6	18	19	0.00	16				0.13	600			
L6	26.5	25	0.11	210				1.40	3200			
L7	4	6	0.23	620	0.4	35.9	2	6.58	23000	0.3	27.8	2
L7	11	11	0.22	1700	0.1	43.6	2	4.61	75000	0.1	20.5	1
L7	20	19	0.00	59				0.76	1600	0.5	157.7	3
L7	25	25	0.00	310				2.03	5100	0.4	117.2	3

			Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R	Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample Mid point (ft bgs)	PFBS	PFBS	PFBS	PFBS	PFBS	PFHxS	PFHxS	PFHxS	PFHxS	PFHxS
L8	6.5	6	0.00	130				1.98	4500	0.4	146.7	3
L8	12	11	0.00	91				0.53	2400	0.2	200.1	2
L8	20	21	0.00	85				0.74	1100	0.7	225.7	4
L8	29	29	0.13	230	0.6	175.9	4	1.44	1500	1.0	290.1	5
L9	12	11	0.30	49	6.2	914.5	30	4.82	690	7.0	1028.1	34
L9	20	21	0.21	1100	0.2	64.6	2	3.42	13000	0.3	87.8	2
L9	24	24	0.30	660	0.5	642.9	3	4.51	6000	0.8	1074.7	5

			Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample Mid point (ft bgs)	PFOS	PFOS	PFOS	PFOS	PFOS
L1	6.5	6	8.89	2500	3.6	1185.5	17
L1	12.5	11	0.85	2000	0.4	710.9	3
L1	16	18	1.23	3600	0.3	113.5	3
L1	24	24	2.19	3000	0.7	174.2	4
L1	41	41	0.00	21			
L2	6	6	166.36	14000	11.9	3960.9	53
L2	12	11	3.11	24000			
L2	20	19	5.50	4800			
L2	25	24	2.60	2400			
L3	6	6	627.70	3700000	0.2	56.5	1
L3	12.5	11	1.41	8000			
L3	20	21	6.64	4900			
L3	29	29	0.00	2200			
L4	12	13	6.52	25000			
L4	20	21	7.03	5400			
L4	27	26	0.00	2600			
L5	12.5	11	0.64	800			
L5	20	19	13.69	2400			
L5	25	24	5.07	1800			
L6	6	6	0.92	1100			
L6	13	11	0.89	3500			
L6	18	19	0.00	1900			
L6	26.5	25	0.00	16000			
L7	4	6	68.69	43000	1.6	155.1	5
L7	11	11	18.57	150000	0.1	41.3	2
L7	20	19	2.15	4300	0.5	166.8	3
L7	25	25	5.18	11000	0.5	138.4	3

			Soil (ng/g)	GW (ng/L)	Kd (L/kg)	Koc (L/kg)	R
Location	Soil Sample Depth (ft bgs)	GW Sample Mid point (ft bgs)	PFOS	PFOS	PFOS	PFOS	PFOS
L8	6.5	6	13.31	8000	1.7	554.6	9
L8	12	11	0.59	2200	0.3	242.5	2
L8	20	21	2.67	7000	0.4	127.2	3
L8	29	29	1.60	1200	1.3	405.1	7
L9	12	11	7.05	370	19.0	2800.6	90
L9	20	21	6.87	27000	0.3	84.8	2
L9	24	24	8.02	1900	4.2	6029.7	21

E.2 HPT and Boring Logs



Direct Image® By Geoprobe Systems®

		File: HPT-B-1.HPT
Company: Parratt-Wolff	Operator: Danylo Kulczycky	Date: 9/19/2019
Project ID: 19113	Client: GSI	Location: NALF Fentress

HPT-B-1.zip

SITE INFORMATION -- DIRECT IMAGE HPT PROBE

Geoprobe DI Acquisition Software for Windows
Version: 3.3 Build: 19088

Pre-Log EC Load Tests

Test	Target (mS/m)	Actual (mS/m)	% Diff	P/F
Low	55.0	55.4	0.8	PASS
High	370.0	339.6	8.2	PASS

COMPANY: Parratt-Wolff
OPERATOR: Danylo Kulczycky
PROJECT ID: 19113
CLIENT: GSI
UNITS: ENGLISH
PROBE AND ARRAY: KS8050 GW Sampler with Top Dipole
LOCATION: NALF Fentress
100 INCH STRING POT USED
ROD LENGTH: 5 feet

PRE-LOG HPT REFERENCE TEST VALUES

PRE TEST TIME: Thu Sep 19 2019 07:03:47

TEST	HPT PRESSURE (psi)	FLOW (mL/min)	HPT PRESSURE (kPa)
TOP with FLOW=0	15.382	0.0	106.050
TOP with FLOW>0	15.866	273.0	109.400
BOTTOM with FLOW=0	15.161	0.0	104.530
BOTTOM with FLOW>0	15.632	272.8	107.780

EXPECTED FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa) +/- 10%
  ACTUAL FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa)

TRANSDUCER TEST PASSED

HPT IDEAL COEFFS: 2.2696e1,-2.2356
HPT SENSOR CAL NUMBERS: XD31141A,0.0000,0.0000,0.0000,0.0000,9.9640e-1,-1.7000
LOG START TIME: Thu Sep 19 2019 07:07:54

LOG END DEPTH: 45.05 ft (13.731 m)
LOG END TIME: Thu Sep 19 2019 07:56:19

LATITUDE: 0.000000000
LONGITUDE: 0.000000000
ELEVATION: 0.000 METERS 0.00 FEET
GPS Quality: None

POST-LOG HPT REFERENCE TEST VALUES

POST TEST TIME: Thu Sep 19 2019 08:19:16

TEST	HPT PRESSURE (psi)	FLOW (mL/min)	HPT PRESSURE (kPa)
TOP with FLOW=0	15.432	0.0	106.400
TOP with FLOW>0	15.706	273.8	108.290
BOTTOM with FLOW=0	15.219	0.0	104.930
BOTTOM with FLOW>0	15.489	271.3	106.790

EXPECTED FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa) +/- 10%
ACTUAL FLOW=0 HPT DIFF.: 0.21 psi (1.5 kPa)

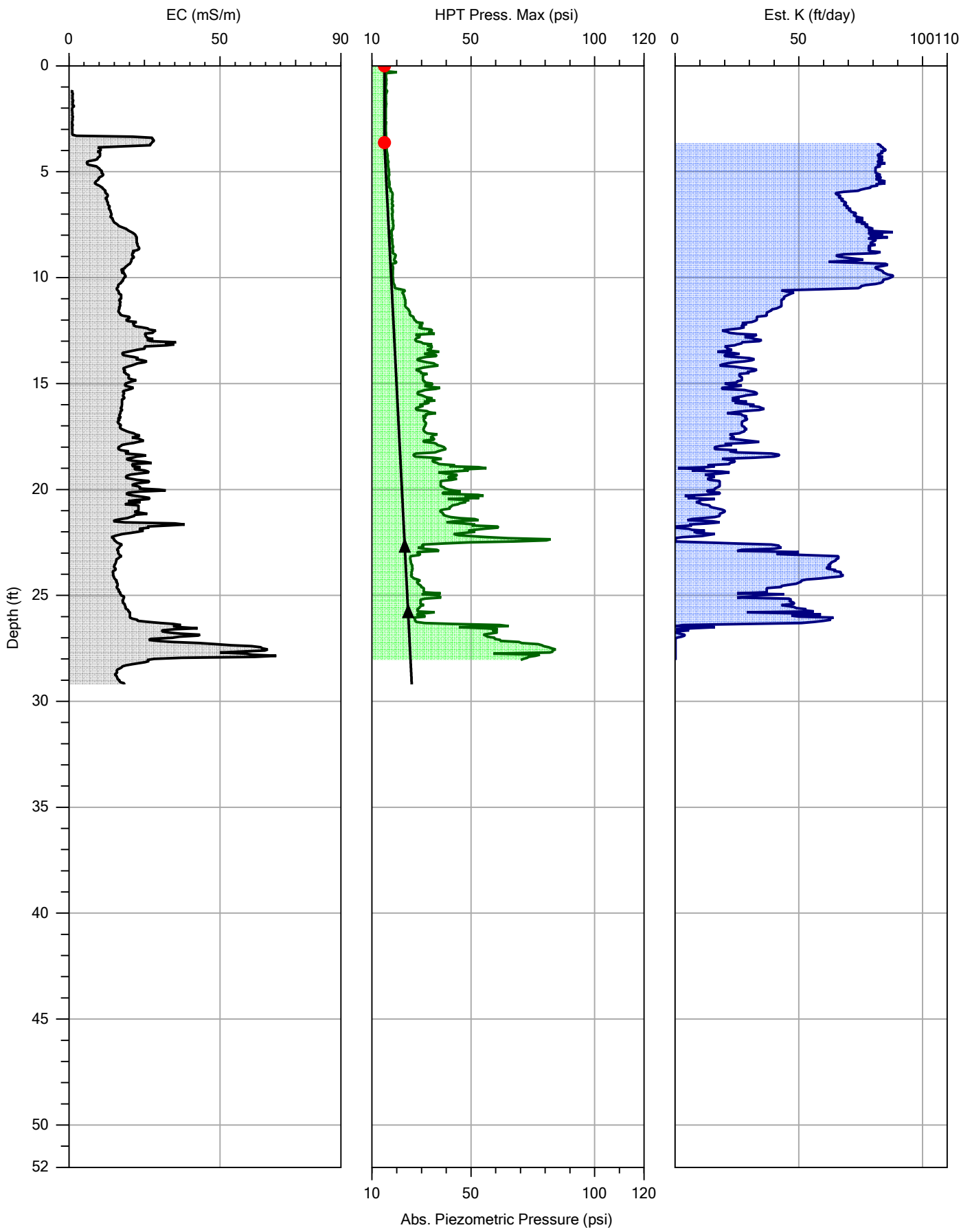
TRANSDUCER TEST PASSED

Post-Log EC Load Tests

Test	Target (mS/m)	Actual (mS/m)	% Diff	P/F
Low	55.0	56.9	3.5	PASS
High	370.0	355.0	4.0	PASS

********** USER NOTES **********

Hand auger to 5'.



Direct Image® By Geoprobe Systems®

		File: HPT-B-2.HPT
Company: Parratt-Wolff	Operator: Danylo Kulczycky	Date: 9/19/2019
Project ID: 19113	Client: GSI	Location: NALF Fentress

HPT-B-2.zip

SITE INFORMATION -- DIRECT IMAGE HPT PROBE

Geoprobe DI Acquisition Software for Windows
Version: 3.3 Build: 19088

Pre-Log EC Load Tests

Test	Target (mS/m)	Actual (mS/m)	% Diff	P/F
Low	55.0	56.8	3.3	PASS
High	370.0	344.5	6.9	PASS

COMPANY: Parratt-Wolff
OPERATOR: Danylo Kulczycky
PROJECT ID: 19113
CLIENT: GSI
UNITS: ENGLISH
PROBE AND ARRAY: KS8050 GW Sampler with Top Dipole
LOCATION: NALF Fentress
100 INCH STRING POT USED
ROD LENGTH: 5 feet

PRE-LOG HPT REFERENCE TEST VALUES

PRE TEST TIME: Thu Sep 19 2019 16:50:52

TEST	HPT PRESSURE (psi)	FLOW (mL/min)	HPT PRESSURE (kPa)
TOP with FLOW=0	15.405	0.0	106.220
TOP with FLOW>0	15.671	287.6	108.050
BOTTOM with FLOW=0	15.182	0.0	104.680
BOTTOM with FLOW>0	15.460	285.0	106.590

EXPECTED FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa) +/- 10%
  ACTUAL FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa)

TRANSDUCER TEST PASSED

HPT IDEAL COEFFS: 2.2696e1,-2.2356
HPT SENSOR CAL NUMBERS: XD31141A,0.0000,0.0000,0.0000,0.0000,9.9640e-1,-1.7000
LOG START TIME: Thu Sep 19 2019 16:52:26

LOG END DEPTH: 28.05 ft (8.550 m)
LOG END TIME: Thu Sep 19 2019 17:55:38

LATITUDE: 0.000000000
LONGITUDE: 0.000000000
ELEVATION: 0.000 METERS 0.00 FEET
GPS Quality: None

POST-LOG HPT REFERENCE TEST VALUES

POST TEST TIME: Thu Sep 19 2019 18:08:29

TEST	HPT PRESSURE (psi)	FLOW (mL/min)	HPT PRESSURE (kPa)
TOP with FLOW=0	15.388	0.0	106.090
TOP with FLOW>0	15.657	287.2	107.950
BOTTOM with FLOW=0	15.177	0.0	104.640
BOTTOM with FLOW>0	15.435	284.2	106.420

EXPECTED FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa) +/- 10%
ACTUAL FLOW=0 HPT DIFF.: 0.21 psi (1.5 kPa)

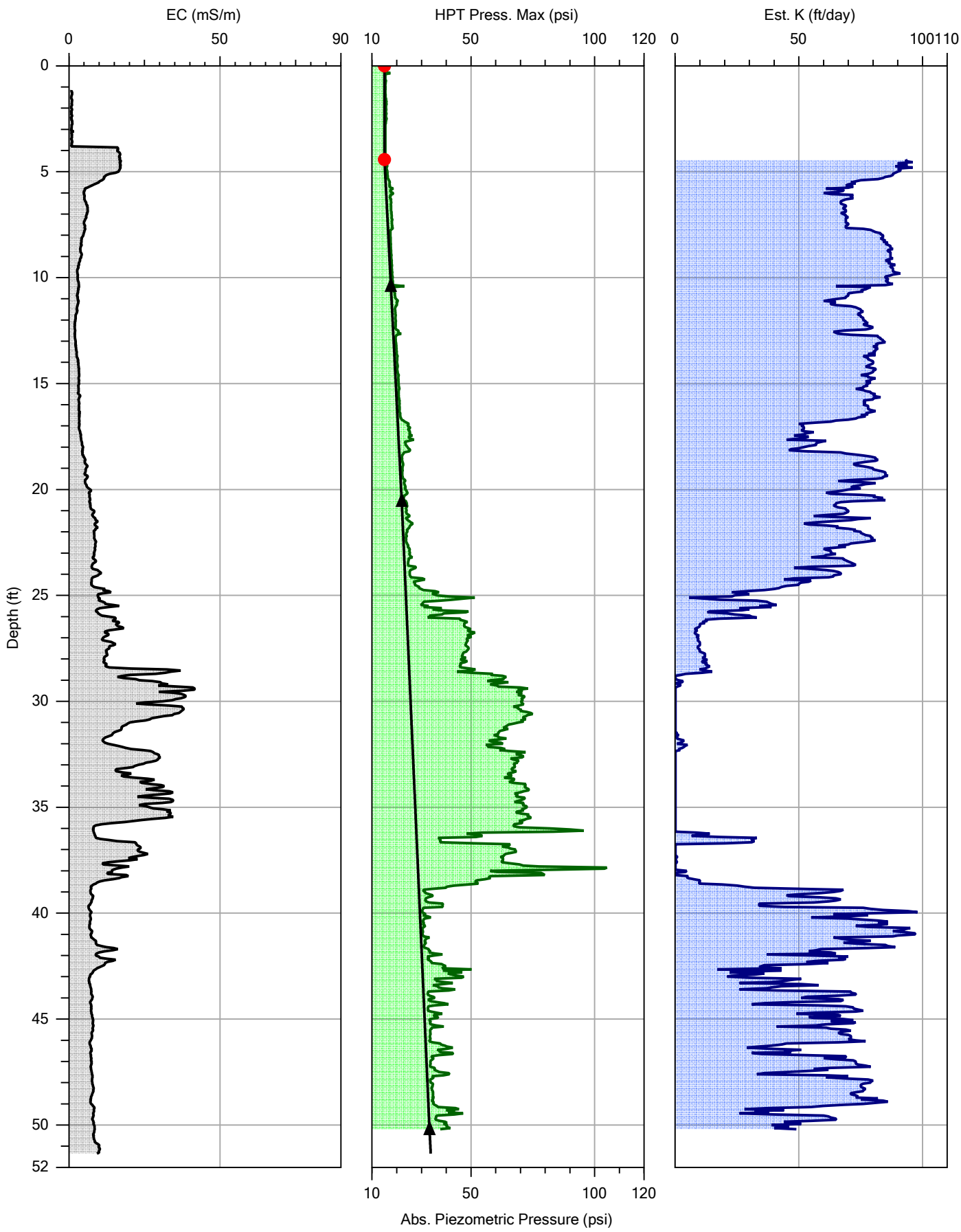
TRANSDUCER TEST PASSED

Post-Log EC Load Tests

Test	Target (mS/m)	Actual (mS/m)	% Diff	P/F
Low	55.0	60.4	9.8	PASS
High	370.0	356.8	3.6	PASS

********** USER NOTES **********

Hand auger to 5'



Direct Image® By Geoprobe Systems®

		File: HPT-L-1.HPT
Company: Parratt-Wolff	Operator: Danylo Kulczycky	Date: 9/19/2019
Project ID: 19113	Client: GSI	Location: NALF Fentress

HPT-L-1.zip

SITE INFORMATION -- DIRECT IMAGE HPT PROBE

Geoprobe DI Acquisition Software for Windows
Version: 3.3 Build: 19088

Pre-Log EC Load Tests

Test	Target (mS/m)	Actual (mS/m)	% Diff	P/F
Low	55.0	54.8	0.4	PASS
High	370.0	339.2	8.3	PASS

COMPANY: Parratt-Wolff
OPERATOR: Danylo Kulczycky
PROJECT ID: 19113
CLIENT: GSI
UNITS: ENGLISH
PROBE AND ARRAY: KS8050 GW Sampler with Top Dipole
LOCATION: NALF Fentress
100 INCH STRING POT USED
ROD LENGTH: 5 feet

PRE-LOG HPT REFERENCE TEST VALUES

PRE TEST TIME: Thu Sep 19 2019 10:10:24

TEST	HPT PRESSURE (psi)	FLOW (mL/min)	HPT PRESSURE (kPa)
TOP with FLOW=0	15.452	0.0	106.540
TOP with FLOW>0	15.748	277.8	108.580
BOTTOM with FLOW=0	15.218	0.0	104.920
BOTTOM with FLOW>0	15.520	277.0	107.010

EXPECTED FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa) +/- 10%
  ACTUAL FLOW=0 HPT DIFF.: 0.23 psi (1.6 kPa)

TRANSDUCER TEST PASSED

HPT IDEAL COEFFS: 2.2696e1,-2.2356
HPT SENSOR CAL NUMBERS: XD31141A,0.0000,0.0000,0.0000,0.0000,9.9640e-1,-1.7000
LOG START TIME: Thu Sep 19 2019 10:14:26

LOG END DEPTH: 50.20 ft (15.301 m)
LOG END TIME: Thu Sep 19 2019 11:18:21

LATITUDE: 0.000000000
LONGITUDE: 0.000000000
ELEVATION: 0.000 METERS 0.00 FEET
GPS Quality: None

POST-LOG HPT REFERENCE TEST VALUES

POST TEST TIME: Thu Sep 19 2019 11:33:52

TEST	HPT PRESSURE (psi)	FLOW (mL/min)	HPT PRESSURE (kPa)
TOP with FLOW=0	15.447	0.0	106.500
TOP with FLOW>0	15.682	276.5	108.120
BOTTOM with FLOW=0	15.226	0.0	104.980
BOTTOM with FLOW>0	15.469	276.1	106.650

EXPECTED FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa) +/- 10%
ACTUAL FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa)

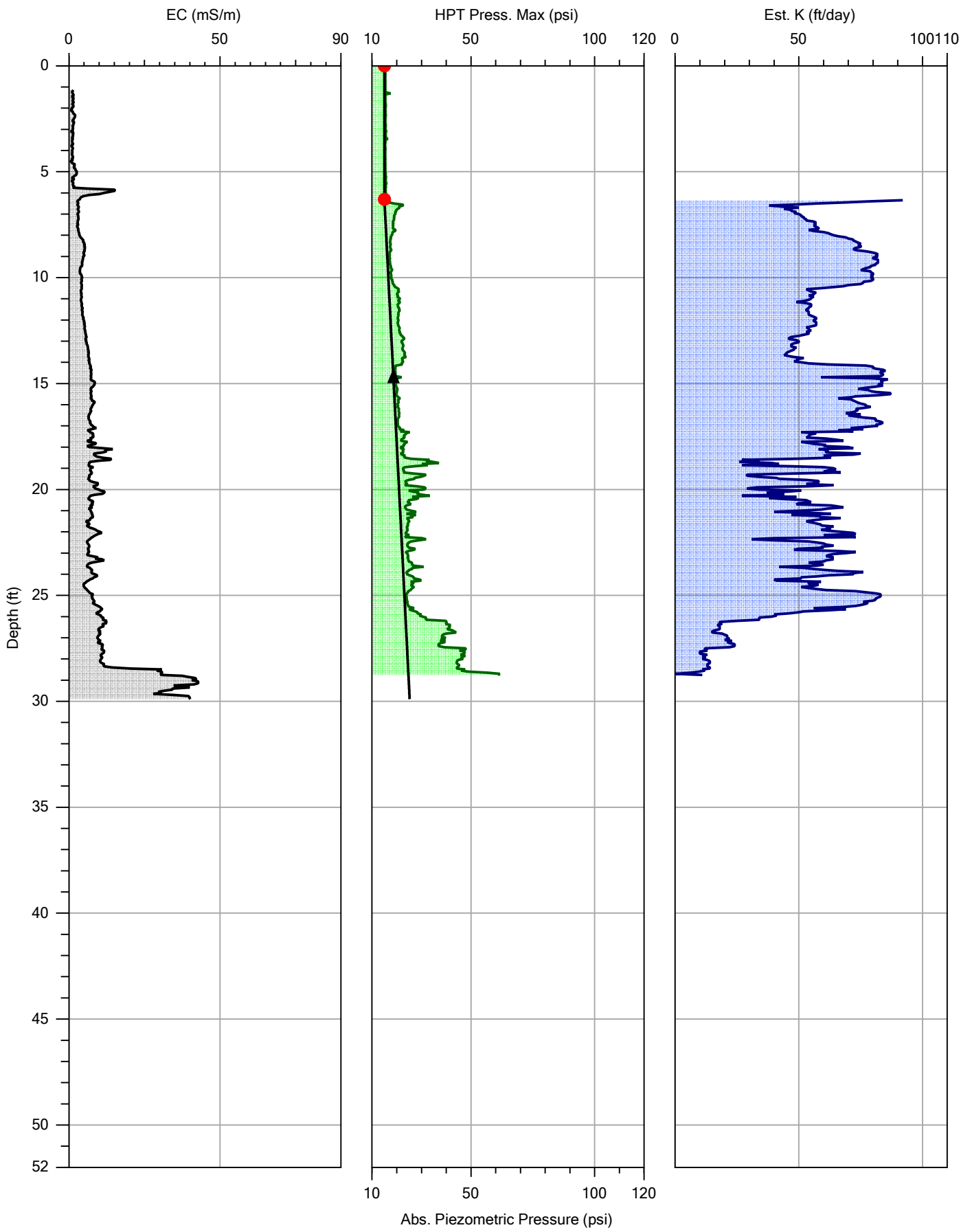
TRANSDUCER TEST PASSED

Post-Log EC Load Tests

Test	Target (mS/m)	Actual (mS/m)	% Diff	P/F
Low	55.0	56.8	3.2	PASS
High	370.0	354.9	4.1	PASS

********** USER NOTES **********

Hand auger to 5'.



Direct Image® By Geoprobe Systems®

		File: HPT-L-5.HPT
Company: Parratt-Wolff	Operator: Danylo Kulczycky	Date: 9/19/2019
Project ID: 19113	Client: GSI	Location: NALF Fentress

HPT-L-5.zip

SITE INFORMATION -- DIRECT IMAGE HPT PROBE

Geoprobe DI Acquisition Software for Windows
Version: 3.3 Build: 19088

Pre-Log EC Load Tests

Test	Target (mS/m)	Actual (mS/m)	% Diff	P/F
Low	55.0	56.1	2.0	PASS
High	370.0	346.3	6.4	PASS

COMPANY: Parratt-Wolff
OPERATOR: Danylo Kulczycky
PROJECT ID: 19113
CLIENT: GSI
UNITS: ENGLISH
PROBE AND ARRAY: KS8050 GW Sampler with Top Dipole
LOCATION: NALF Fentress
100 INCH STRING POT USED
ROD LENGTH: 5 feet

PRE-LOG HPT REFERENCE TEST VALUES

PRE TEST TIME: Thu Sep 19 2019 14:46:35

TEST	HPT PRESSURE (psi)	FLOW (mL/min)	HPT PRESSURE (kPa)
TOP with FLOW=0	15.430	0.0	106.390
TOP with FLOW>0	15.693	282.1	108.200
BOTTOM with FLOW=0	15.208	0.0	104.850
BOTTOM with FLOW>0	15.507	279.8	106.920

EXPECTED FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa) +/- 10%
  ACTUAL FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa)

TRANSDUCER TEST PASSED

HPT IDEAL COEFFS: 2.2696e1,-2.2356
HPT SENSOR CAL NUMBERS: XD31141A,0.0000,0.0000,0.0000,0.0000,9.9640e-1,-1.7000
LOG START TIME: Thu Sep 19 2019 14:49:23

LOG END DEPTH: 28.75 ft (8.763 m)
LOG END TIME: Thu Sep 19 2019 15:13:54

LATITUDE: 0.000000000
LONGITUDE: 0.000000000
ELEVATION: 0.000 METERS 0.00 FEET
GPS Quality: None

POST-LOG HPT REFERENCE TEST VALUES

POST TEST TIME: Thu Sep 19 2019 15:28:04

TEST	HPT PRESSURE (psi)	FLOW (mL/min)	HPT PRESSURE (kPa)
TOP with FLOW=0	15.396	0.0	106.150
TOP with FLOW>0	15.676	287.6	108.080
BOTTOM with FLOW=0	15.184	0.0	104.690
BOTTOM with FLOW>0	15.451	287.8	106.530

EXPECTED FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa) +/- 10%
ACTUAL FLOW=0 HPT DIFF.: 0.21 psi (1.5 kPa)

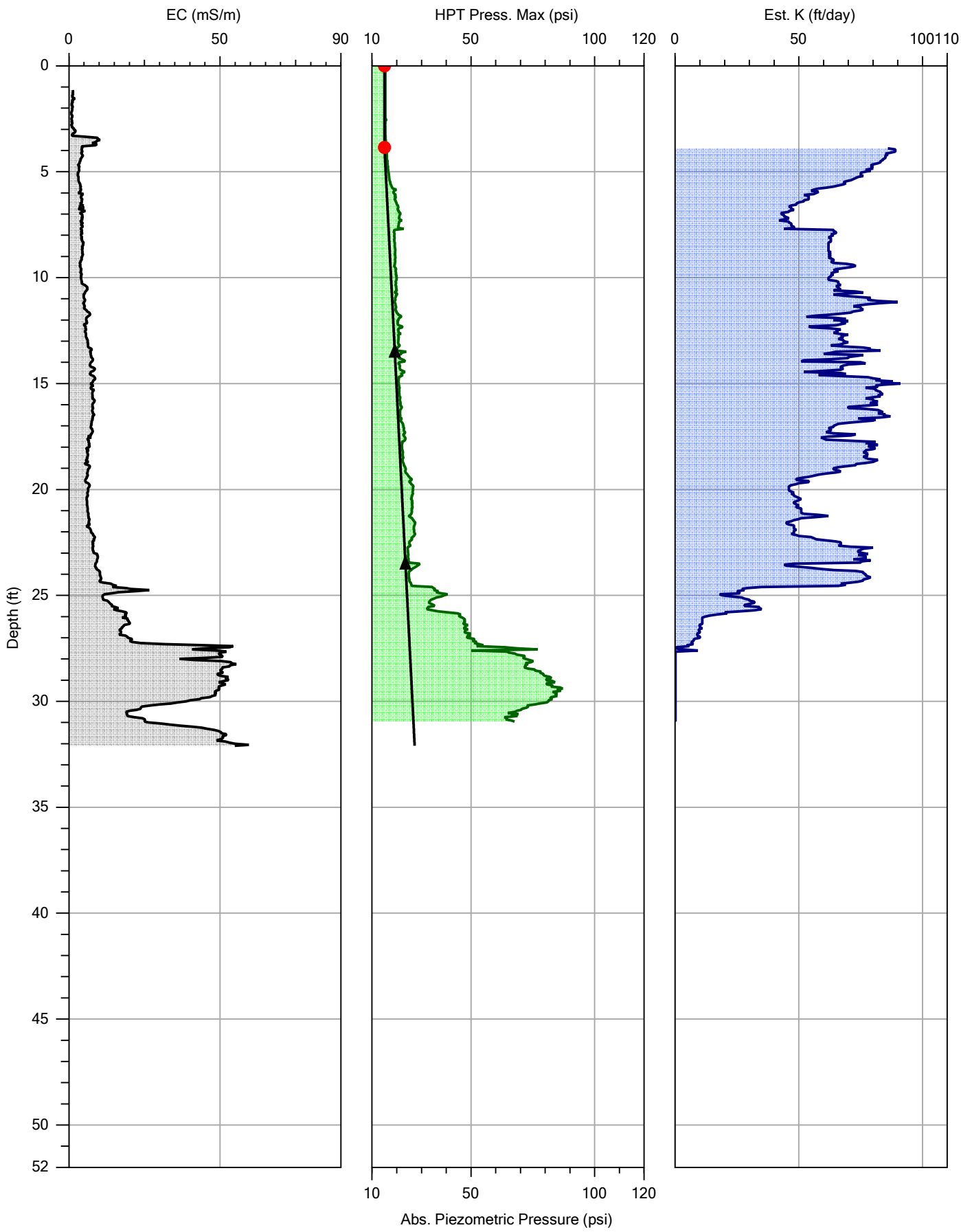
TRANSDUCER TEST PASSED

Post-Log EC Load Tests

Test	Target (mS/m)	Actual (mS/m)	% Diff	P/F
Low	55.0	57.1	3.8	PASS
High	370.0	354.1	4.3	PASS

********** USER NOTES **********

Hand auger to 5'



Direct Image® By Geoprobe Systems®

		File: HPT-L-7.HPT
Company: Parratt-Wolff	Operator: Danylo Kulczycky	Date: 9/19/2019
Project ID: 19113	Client: GSI	Location: NALF Fentress

HPT-L-7.zip

SITE INFORMATION -- DIRECT IMAGE HPT PROBE

Geoprobe DI Acquisition Software for Windows
Version: 3.3 Build: 19088

Pre-Log EC Load Tests

Test	Target (mS/m)	Actual (mS/m)	% Diff	P/F
Low	55.0	56.7	3.1	PASS
High	370.0	333.6	9.8	PASS

COMPANY: Parratt-Wolff
OPERATOR: Danylo Kulczycky
PROJECT ID: 19113
CLIENT: GSI
UNITS: ENGLISH
PROBE AND ARRAY: KS8050 GW Sampler with Top Dipole
LOCATION: NALF Fentress
100 INCH STRING POT USED
ROD LENGTH: 5 feet

PRE-LOG HPT REFERENCE TEST VALUES

PRE TEST TIME: Thu Sep 19 2019 12:35:29

TEST	HPT PRESSURE (psi)	FLOW (mL/min)	HPT PRESSURE (kPa)
TOP with FLOW=0	15.459	0.0	106.580
TOP with FLOW>0	15.708	271.2	108.300
BOTTOM with FLOW=0	15.243	0.0	105.090
BOTTOM with FLOW>0	15.497	270.9	106.850

EXPECTED FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa) +/- 10%
  ACTUAL FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa)

TRANSDUCER TEST PASSED

HPT IDEAL COEFFS: 2.2696e1,-2.2356
HPT SENSOR CAL NUMBERS: XD31141A,0.0000,0.0000,0.0000,0.0000,9.9640e-1,-1.7000
LOG START TIME: Thu Sep 19 2019 12:38:46

LOG END DEPTH: 30.95 ft (9.434 m)
LOG END TIME: Thu Sep 19 2019 13:39:05

LATITUDE: 0.000000000
LONGITUDE: 0.000000000
ELEVATION: 0.000 METERS 0.00 FEET
GPS Quality: None

POST-LOG HPT REFERENCE TEST VALUES

POST TEST TIME: Thu Sep 19 2019 14:01:10

TEST	HPT PRESSURE (psi)	FLOW (mL/min)	HPT PRESSURE (kPa)
TOP with FLOW=0	15.422	0.0	106.330
TOP with FLOW>0	15.642	282.7	107.840
BOTTOM with FLOW=0	15.198	0.0	104.790
BOTTOM with FLOW>0	15.432	281.2	106.400

EXPECTED FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa) +/- 10%
ACTUAL FLOW=0 HPT DIFF.: 0.22 psi (1.5 kPa)

TRANSDUCER TEST PASSED

Post-Log EC Load Tests

Test	Target (mS/m)	Actual (mS/m)	% Diff	P/F
Low	55.0	56.6	2.9	PASS
High	370.0	344.8	6.8	PASS

********** USER NOTES **********

Hand auger to 5'

Log of Soil Boring: B1

GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

DATE STARTED 18 Sep 2019 **COMPLETED** 18 Sep 2019 **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Parratt-Wolf Inc. **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Dual Tube & MC5 Coring Systems **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Geoprobe 7822 DT **LOGGED BY** C. Sorensen, PG **CHECKED BY** C. Sorensen, PG

GROUND SURFACE See below **BORING DIAMETER (in)** 3.25/2.25 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	3" Concrete									
1	CLAYEY SAND (SC): olive gray (5Y 5/2), moist, ~60% fine to medium sand, ~40% medium plasticity fines, predominantly fine sand		SC					0.5		Hand auger to 5 ft bgs.
2										PID: MiniRAE 3000 calibrated to a 100ppm isobutylene standard. PID readings are headspace measurements of soil in resealable plastic bags.
3	SANDY LEAN CLAY (CL): mottled brown (7.5YR 4/4) and olive gray (5Y 5/2), moist, ~70% fines, ~30% fine sand, medium plasticity, medium toughness, soft, roots Increasing moisture		CL							Dual tube with bentonite drilling fluid was utilized from 5 to 15 ft bgs
4	LEAN CLAY WITH SAND (CL): dark gray (2.5Y 4/1), moist, ~80% fines, ~20% fine sand, medium plasticity, medium toughness, firm Gray (2.5Y 5/1), wet		CL							MC5 Macro Core sampler was utilized from 15 ft to total depth.
5										
	CLAYEY SAND (SC): gray (2.5Y 5/1), wet, ~70% fine sand, ~30% medium plasticity fines		SC					0.1		
6	POORLY GRADED SAND (SP): gray (2.5Y 6/1), wet, ~95% fine sand, ~5% fines		SP							
7	Light gray (2.5Y 7/1), trace medium sand									
8										
9	Light yellowish brown (2.5Y 6/3)									

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GSI_SOIL BORING - TRYTHISTEMPLATE.GDT - 11/8/19 14:28 - C:\USERS\KJHOWELL\DOCUMENTS\GINT\GINT FILES\191016_NAVY_DRAFT2.GPJ

GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: B1

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued Fine sand, medium sand absent		SP					0.2		
11	Gray (2.5Y 5/1)									
12										
13										
14										
15								0		
16	Dark gray (2.5Y 4/1), fine to medium sand									
17										
18										
19										
20	Fine sand, medium sand absent							0.1		
21										

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GSI_SOIL BORING - TRYTHISTEMPLATE.GDT - 11/8/19 14:28 - C:\USERS\KJHOWELL\DOCUMENTS\GINT\GINT FILES\191016_NAVY_DRAFT2.GPJ

GSI Environmental
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Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: B1

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
22	POORLY GRADED SAND (SP): continued		SP							
23										
24										
25										
26										
27										
28										
29										
30										
31										
32	CLAYEY SAND (SC): gray (2.5Y 5/1), wet, ~60% fine sand, ~40% medium plasticity fines		SC							

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GSI_SOIL BORING - TRYTHISTEMPLATE.GDT - 11/8/19 14:28 - C:\USERS\KJHOWELL\DOCUMENTS\GINT\GINT FILES\191016_NAVY_DRAFT2.GPJ

GSI Environmental
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Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: B1

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
34	CLAYEY SAND (SC): continued		SC					0		
35										
36	POORLY GRADED SAND (SP): gray (2.5Y 5/1), wet, ~95% fine sand, ~5% fines		SP							
37										
38										
39										

Total Depth = 39.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Boring destroyed by placing cement-bentonite grout from total depth to ground surface using tremie methods. Surface restored with Rapid Set concrete and dyed to match surroundings.

GSI_SOIL BORING - TRYTHISTEMPLATE.GDT - 11/8/19 14:28 - C:\USERS\KJHOWELL\DOCUMENTS\GINT\GINT FILES\191016_NAVY_DRAFT2.GPJ

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Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: B2

CLIENT NAVFAC | **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 | **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

DATE STARTED 20 Sep 2019 **COMPLETED** 20 Sep 2019 | **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Parratt-Wolf Inc. | **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Dual Tube Coring System | **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Geoprobe 7822 DT | **LOGGED BY** C. Sorensen, PG **CHECKED BY** C. Sorensen, PG

GROUND SURFACE See below **BORING DIAMETER (in)** 3.25/2.25 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	1" Topsoil and grass									
	LEAN CLAY (CL): mottled gray (10YR 5/1) with yellowish brown (10YR 5/4), moist, ~80% fines, ~20% fine sand, medium plasticity, medium toughness, firm		CL					8.6		Hand auger to 1.5 ft bgs. PID: MiniRAE 3000 calibrated to a 100ppm isobutylene standard. PID readings are headspace measurements of soil in resealable plastic bags. Dual tube with bentonite drilling fluid was utilized from 1.5 ft to total depth.
2	CLAYEY SAND (SC): mottled gray (10YR 5/1) and yellowish brown (10YR 5/4), moist, ~80% fine sand, ~20% medium plasticity fines		SC							
	POORLY GRADED SAND (SP): light gray (10YR 7/2), moist, ~95% fine sand, ~5% fines		SP							
3	Light yellowish brown (10YR 6/4)									
5	Brownish yellow (10YR 6/6), wet							6.7		
6	Gray (10YR 5/1)									

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GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: B2

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued		SP					13.2		
11										
12										
	SILTY SAND (SM): dark gray (10YR 4/1), wet, ~60% sand, ~40% low plasticity fines		SM							
13										
14										
15	~70% sand, ~30% fines									
16										
17										
18										
19										
20	~60% sand, ~40% fines									
21										
	CLAYEY SAND (SC): see next page		SC							

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Telephone: 949-679-1070

Log of Soil Boring: B2

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
22	CLAYEY SAND (SC): dark gray (5Y 4/1), wet, ~70% fine to coarse sand, ~30% medium plasticity fines, sand is predominantly fine to medium		SC					3.2		
23	POORLY GRADED SAND (SP): gray (2.5Y 5/1), wet, ~95% fine to medium sand, ~5% fines		SP							
24	Dark gray (2.5Y 4/1), fine sand, medium sand absent									
25										
26	LEAN CLAY WITH SAND (CL): dark gray (2.5Y 4/1), wet, ~80% fines, ~20% fine sand, medium plasticity, low to medium toughness, soft		CL					12.7		
27	CLAYEY SAND (SC): dark gray (2.5Y 4/1), wet, ~85% fine to medium sand, ~15% medium plasticity fines		SC							
28										
29										
30										

Total Depth = 30.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Boring destroyed by placing cement-bentonite grout from total depth to ground surface using tremie methods. Surface restored with Rapid Set concrete and dyed to match surroundings.

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Log of Soil Boring: L1

CLIENT NAVFAC | **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 | **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

DATE STARTED 1 Oct 2019 | **COMPLETED** 2 Oct 2019 | **GROUND ELEVATION** N/A | **DATUM** N/A

DRILLING CONTRACTOR Parratt-Wolf Inc. | **TOP OF CASING ELEVATION** N/A | **DATUM** N/A

DRILLING METHOD Direct Push with Dual Tube & MC5 Coring Systems | **LATITUDE** N/A | **LONGITUDE** N/A

DRILLING EQUIPMENT Geoprobe 7822 DT | **LOGGED BY** J. Voss, GIT | **CHECKED BY** C. Sorensen, PG

GROUND SURFACE See below | **BORING DIAMETER (in)** 3.25/2.25 | **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG | **REG. NO.** 9605

Depth (ft bgs)	Soil Description	USCS	PID (ppm)	Notes
	GROUND SURFACE			
	1" Topsoil and grass			
	SILTY SAND (SM): brown (10YR 5/3), moist, ~70% fine to coarse sand, ~30% low plasticity fines, roots	SM	0.3	Hand auger to 5 ft bgs.
1	Grayish brown (10YR 5/2), trace fine subrounded gravel, roots absent			PID: MiniRAE 3000 calibrated to a 100ppm isobutylene standard. PID readings are headspace measurements of soil in resealable plastic bags.
2	CLAYEY SAND (SC): grayish brown (10YR 5/2), moist, ~60% fine to coarse sand, ~40% medium plasticity fines	SC	0.4	Dual tube with bentonite drilling fluid was utilized from 5 to 15 ft bgs.
3	SANDY LEAN CLAY (CL): mottled gray (10YR 5/1) and yellowish brown (10YR 5/6), moist, ~60% fines, ~40% fine sand, medium plasticity, low toughness, firm	CL		MC5 Macro Core Sampler was utilized from 15 ft to total depth.
4	POORLY GRADED SAND WITH SILT (SP-SM): gray (10YR 6/1), wet, ~90% fine to coarse sand, ~10% nonplastic to low plasticity fines	SP-SM		
5	POORLY GRADED SAND (SP): light gray (10YR 7/2), wet, ~95% fine to coarse sand, ~5% nonplastic fines	SP	0.4	
6				
7				
8				
9				

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GSI Environmental
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Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L1

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued Very pale brown (10YR 7/3)		SP							
11								0.3		
12										
	Dark gray (N 4/), trace fine gravel									
13										
	Gray (10YR 6/1), gravel absent									
14										
15								2		
16										
17										
18										
19								0.7		
20										
21										

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GSI_SOIL BORING - TRYTHISTEMPLATE.GDT - 11/8/19 14:28 - C:\USERS\KJHOWELL\DOCUMENTS\GINT\GINT FILES\191016_NAVY_DRAFT2.GPJ

GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L1

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
22	POORLY GRADED SAND (SP): continued		SP					0.5		
23										
24										
25										
26										
27										
28	CLAYEY SAND (SC): dark gray (10YR 4/1), wet, ~70% fine to coarse sand, ~30% medium plasticity fines		SC							Sample interval 28-33 ft bgs recovered from L1A, located ~2 ft west of L1. L1A was sampled at this interval due to no recovery in the same interval at L1.
29	LEAN CLAY (CL): dark gray (10YR 4/1), moist, ~90% fines, ~10% fine sand, medium plasticity, firm to hard		CL					0.4		
30	POORLY GRADED SAND (SP): gray (10YR 5/1), moist, ~95% fine to coarse sand, ~5% nonplastic fines									
31	SANDY LEAN CLAY (CL): dark gray (10YR 4/1), moist, ~70% fines, ~30% fine sand, medium plasticity, firm		CL					0.3		
32	~60% fines, ~40% sand									
	POORLY GRADED SAND (SP): gray (10YR 5/1), wet, ~95% fine to coarse sand, ~5% nonplastic fines		SP							

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GSI_SOIL BORING - TRYTHISTEMPLATE.GDT - 11/8/19 14:28 - C:\USERS\KJHOWELL\DOCUMENTS\GINT\GINT FILES\191016_NAVY_DRAFT2.GPJ

GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L1

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
34	POORLY GRADED SAND (SP): continued		SP							
35										
36	SANDY LEAN CLAY (CL): gray (10YR 6/1), moist, ~60% fines, ~40% fine sand, medium plasticity, firm		CL							
37	~70% fines, ~30% sand							0.4		
38	POORLY GRADED SAND (SP): gray (10YR 6/1), wet, ~95% fine to coarse sand, ~5% nonplastic fines		SP							
39										
40	Gray (2.5Y 6/1)							0.6		
41										
42										
43								0.6		
44										

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GSI_SOIL BORING - TRYTHISTEMPLATE.GDT - 11/8/19 14:28 - C:\USERS\KJHOWELL\DOCUMENTS\GINT\GINT FILES\191016_NAVY_DRAFT2.GPJ

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Telephone: 949-679-1070

Log of Soil Boring: L1

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									

Total Depth = 44.5 feet (refusal).

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Boring destroyed by placing cement-bentonite grout from total depth to ground surface using tremie methods. Surface restored with Rapid Set concrete and dyed to match surroundings.

GSI_SOIL BORING - TRYTHISTEMPLATE.GDT - 11/8/19 14:28 - C:\USERS\KJHOWELL\DOCUMENTS\GINT\GINT FILES\191016_NAVY_DRAFT2.GPJ

GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L2

CLIENT NAVFAC | **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 | **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

DATE STARTED 2 Oct 2019 | **COMPLETED** 2 Oct 2019 | **GROUND ELEVATION** N/A | **DATUM** N/A

DRILLING CONTRACTOR Parratt-Wolf Inc. | **TOP OF CASING ELEVATION** N/A | **DATUM** N/A

DRILLING METHOD Direct Push with MC5 Coring Systems | **LATITUDE** N/A | **LONGITUDE** N/A

DRILLING EQUIPMENT Geoprobe 7822 DT | **LOGGED BY** J. Voss, GIT | **CHECKED BY** C. Sorensen, PG

GROUND SURFACE See below | **BORING DIAMETER (in)** 3.25/2.25 | **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG | **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	1" Topsoil and grass									
	SILTY SAND (SM): yellowish brown (10YR 5/4), moist, ~75% fine to coarse sand, ~25% low plasticity fines, roots, trace fine gravel		SM					0.2		Hand auger to 5 ft bgs.
1	Mottled brown (10YR 5/3) and brownish yellow (10YR 6/6), roots absent									PID: MiniRAE 3000 calibrated to a 100ppm isobutylene standard. PID readings are headspace measurements of soil in resealable plastic bags.
2	CLAYEY SAND (SC): mottled grayish brown (10YR 5/2) and brownish yellow (10YR 6/6), moist, ~70% fine to coarse sand, ~30% medium plasticity fines, trace fine gravel		SC					0.2		
3										
4	Increasing moisture									
5										
	POORLY GRADED SAND WITH SILT (SP-SM): gray (10YR 6/1), moist, ~90% fine to coarse sand, ~10% low plasticity fines		SP-SM					5.4		
6										
	POORLY GRADED SAND (SP): light gray (10YR 7/1), wet, ~95% fine to coarse sand, ~5% nonplastic fines		SP							
7										
	Pale brown (2.5Y 7/3)									
8										
9										

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GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L2

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued Light gray (2.5Y 7/2)		SP							
11								0.3		
12	Gray (10YR 6/1)									
13	Gray (2.5Y 5/1)									
14	Gray (10YR 6/1)									
15								0.4		
16										
17										
18										
19								0.5		
20										
21										

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GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L2

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
22	POORLY GRADED SAND (SP): continued		SP							
23								0.3		
24										
25	CLAYEY SAND (SC): dark gray (2.5Y 4/1), wet, ~60% fine to medium sand, ~40% medium plasticity fines, trace coarse sand		SC							
26										
27										
28										
29										
30	LEAN CLAY (CL): dark gray (2.5Y 4/1), ~90% fines, ~10% fine sand, medium plasticity, firm to hard		CL					0.2		Sample interval 30-35 ft bgs recovered from L2A, located ~2 ft west of L2. L2A was sampled at this interval due to no recovery in the same interval at L2.
31	Gray (2.5Y 5/1)									
32										

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GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L2

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
34	LEAN CLAY (CL): continued		CL					0.2		
35	Total Depth = 35.0 feet.									

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Boring destroyed by placing cement-bentonite grout from total depth to ground surface using tremie methods. Surface restored with Rapid Set concrete and dyed to match surroundings.

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Log of Soil Boring: L3

GSI Environmental
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Telephone: 949-679-1070

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

DATE STARTED 24 Sep 2019 **COMPLETED** 24 Sep 2019 **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Parratt-Wolf Inc. **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Dual Tube & MC5 Coring Systems **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Geoprobe 7822 DT **LOGGED BY** C. Sorensen, PG **CHECKED BY** C. Sorensen, PG

GROUND SURFACE See below **BORING DIAMETER (in)** 3.25/2.25 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
0	1" Topsoil and grass									
	SILTY SAND (SM): very dark brown (7.5YR 2.5/2), moist, ~70% fine sand, ~30% low plasticity fines, roots, trace fine to coarse gravel-sized concrete fragments		SM							Hand auger to 5 ft bgs.
1	Dark brown (7.5YR 3/3)									PID: MiniRAE 3000 calibrated to a 100ppm isobutylene standard. PID readings are headspace measurements of soil in resealable plastic bags.
	CLAYEY SAND (SC): mottled brown (7.5YR 4/2) and strong brown (7.5YR 5/8), moist, ~60% fine to medium sand, ~40% medium plasticity fines, trace coarse sand		SC							
2										Dual tube with bentonite drilling fluid was utilized from 5 to 20 ft bgs.
3										MC5 Macro Core Sampler was utilized from 20 ft to total depth.
4										
5	SANDY LEAN CLAY (CL): mottled gray (7.5YR 5/1) and brown (7.5YR 5/2), moist, ~60% fines, ~40% fine to medium sand, medium plasticity		CL							
	Gray (7.5YR 5/1)		SC					0.5		
6	CLAYEY SAND (SC): gray (7.5YR 5/1), wet, ~75% fine to medium sand, ~25% medium plasticity fines									
	POORLY GRADED SAND (SP): gray (7.5YR 5/1), wet, ~95% fine to medium sand, ~5% fines		SP							
7	Light gray (10YR 7/2), fine sand, trace medium sand									
8	Very pale brown (10YR 7/4)									
9										

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Telephone: 949-679-1070

Log of Soil Boring: L3

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued		SP							
11										
	Gray (10YR 5/1), fine to medium sand, trace coarse sand							1		
12										
13										
14										
15	Fine to medium sand, coarse sand absent									
16	Trace coarse sand							0.9		
17										
18										
	Coarse sand absent									
19								0.7		
20										
21										

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Log of Soil Boring: L3

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
22	POORLY GRADED SAND (SP): continued		SP							
23										
24										
25	CLAYEY SAND (SC): gray (10YR 5/1), wet, ~65% fine sand, ~35% medium plasticity fines		SC							
	SANDY LEAN CLAY (CL): gray (10YR 5/1), wet, ~70% fines, ~30% fine sand, medium plasticity							0.5		
26	POORLY GRADED SAND (SP): gray (10YR 5/1), wet, ~95% fine sand, ~5% fines		SP							
	CLAYEY SAND (SC): gray (10YR 5/1), wet, ~65% fine to medium sand, ~35% medium plasticity fines		SC							
27										
28	POORLY GRADED SAND (SP): gray (10YR 5/1), wet, ~95% fine to medium sand, ~5% fines		SP					0.6		
29										
30	LEAN CLAY (CL): gray (10YR 5/1), moist, ~90% fines, ~10% fine sand, medium plasticity, low toughness, no dilatancy, very high dry strength, very soft		CL							
31										
32										
	SILTY SAND (SM): dark gray (10YR 4/1), moist, ~60% fine sand, ~40% low plasticity fines		SM							

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Log of Soil Boring: L3

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
34	LEAN CLAY WITH SAND (CL): gray (10YR 5/1), moist, ~85% fines, ~15% fine sand, medium plasticity, low toughness, no dilatancy, very high dry strength, soft		CL							
35	LEAN CLAY (CL): gray (10YR 5/1), moist, ~90% fines, ~10% fine sand, medium to high plasticity, low toughness, no dilatancy, very high dry strength, soft		CL							

Total Depth = 35.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Boring destroyed by placing cement-bentonite grout from total depth to ground surface using tremie methods. Surface restored with Rapid Set concrete and dyed to match surroundings.

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Log of Soil Boring: L4

GSI Environmental
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Telephone: 949-679-1070

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

DATE STARTED 25 Sep 2019 **COMPLETED** 25 Sep 2019 **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Parratt-Wolf Inc. **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Dual Tube & MC5 Coring Systems **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Geoprobe 7822 DT **LOGGED BY** C. Sorensen, PG **CHECKED BY** C. Sorensen, PG

GROUND SURFACE See below **BORING DIAMETER (in)** 3.25/2.25 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	1" Topsoil and grass									
	SILTY SAND (SM): brown (10YR 5/3), moist, ~75% fine sand, ~25% nonplastic fines, roots		SM							Hand auger to 5 ft bgs.
1								3.2		PID: MiniRAE 3000 calibrated to a 100ppm isobutylene standard. PID readings are headspace measurements of soil in resealable plastic bags.
2	SANDY LEAN CLAY (CL): gray (7.5YR 5/1), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, no dilatancy, very high dry strength, soft		CL							Dual tube with bentonite drilling fluid was utilized from 5 to 10 ft bgs.
3										MC5 Macro Core Sampler was utilized from 10 ft to total depth.
4	Mottled gray (7.5YR 5/1) and reddish yellow (7.5 YR 6/8), medium toughness									
5	POORLY GRADED SAND (SP): very pale brown (10YR 7/3), wet, ~95% fine sand, ~5% fines		SP							
6										
7										
	Gray (10YR 6/1), fine to medium sand									
8										
9										

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Log of Soil Boring: L4

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued		SP							
11								3.5		
12										
13	Trace coarse sand									
14										
15	Fine sand, trace medium sand, coarse sand absent									
16	Wood piece approximately 1 sq. inch in size									
17										
18										
19								2.9		
20	Gray (10YR 5/1), fine sand, medium sand absent									
21										

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Log of Soil Boring: L4

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
22	POORLY GRADED SAND (SP): continued		SP							
23	Fine to medium sand									
24										
25										
26	CLAYEY SAND (SC): gray (10YR 5/1), wet, ~70% fine to coarse sand, ~30% medium plasticity fines		SC							
27	LEAN CLAY WITH SAND (CL): gray (10YR 5/1), wet, ~75% fines, ~25% fine sand, medium plasticity, low toughness, soft		CL							
	SANDY LEAN CLAY (CL): gray (10YR 5/1), wet, ~70% fines, ~30% fine to medium sand, medium plasticity, low toughness, slow dilatancy, very high dry strength, soft		CL					2.6		
	POORLY GRADED SAND (SP): gray (10YR 5/1), wet, ~95% coarse sand, ~5% fines, trace fine and medium sand, shell fragments		SP							
28	CLAYEY SAND (SC): gray (10YR 5/1), wet, ~60% fine to medium sand, ~40% medium plasticity fines		SC							
29										
30	LEAN CLAY WITH SAND (CL): gray (10YR 5/1), moist, ~85% fines, ~15% fine sand, medium plasticity, medium toughness, very high dry strength, soft to firm		CL							

Total Depth = 30.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Boring destroyed by placing cement-bentonite grout from total depth to ground surface using tremie methods. Surface restored with Rapid Set concrete and dyed to match surroundings.

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19200 Von Karman Ave. Suite 800
Irvine, California 92612
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Log of Soil Boring: L5

CLIENT NAVFAC
PROJECT NAME Fentress
GSI JOB NUMBER 4500
PROJECT LOCATION Naval Aux. Landing Field Fentress, Chesapeake, VA
DATE STARTED 3 Oct 2019 **COMPLETED** 3 Oct 2019
GROUND ELEVATION N/A **DATUM** N/A
DRILLING CONTRACTOR Parratt-Wolf Inc.
TOP OF CASING ELEVATION N/A **DATUM** N/A
DRILLING METHOD Direct Push with Dual Tube Coring System
LATITUDE N/A **LONGITUDE** N/A
DRILLING EQUIPMENT Geoprobe 7822 DT
LOGGED BY J. Voss, GIT **CHECKED BY** C. Sorensen, PG
GROUND SURFACE See below **BORING DIAMETER (in)** 3.25/2.25
RESPONSIBLE PROFESSIONAL C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	1" Topsoil and grass									
	SILTY SAND (SM): light yellowish brown (10YR 6/4), moist, ~70% fine to medium sand, ~30% low plasticity fines, trace coarse sand		SM							PID: MiniRAE 3000 calibrated to a 100ppm isobutylene standard. PID readings are headspace measurements of soil in resealable plastic bags.
1	SANDY LEAN CLAY (CL): brownish yellow (10YR 6/6), moist, ~60% fines, ~40% fine to medium sand, medium plasticity, low to medium toughness, firm		CL					3.3		
2	Light yellowish brown (10YR 6/4)									
3										
	POORLY GRADED SAND (SP): light yellowish brown (10YR 6/4), moist, ~95% fine to coarse sand, ~5% nonplastic fines		SP							
4										
5								10.3		
6	Brownish yellow (10YR 6/6), wet									
	Very pale brown (10YR 8/2)									
7										
8										
9										

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Log of Soil Boring: L5

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued Gray (10YR 5/1)		SP							
11								6.6		
12										
13										
14								13.7		
15										
16										
17										
18										
19								7.4		
20										
21										

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Log of Soil Boring: L5

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
22	POORLY GRADED SAND (SP): continued		SP							
23	LEAN CLAY WITH SAND (CL): gray (10YR 5/1), wet, ~75% fines, ~25% fine sand, medium plasticity							10		
24										
25										
	CLAYEY SAND (SC): gray (10YR 5/1), wet, ~70% fine to coarse sand, ~30% medium plasticity fines		SC							
26	LEAN CLAY WITH SAND (CL): dark gray (10YR 4/1), moist, ~80% fines, ~20% fine sand, medium plasticity, low to medium toughness, firm		CL							
27	LEAN CLAY (CL): dark gray (10YR 4/1), moist, ~90% fines, ~10% fine sand, medium plasticity, medium to high toughness		CL							
28										
29								12.3		
30	Wet									
31	Moist							10.2		
32										

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Log of Soil Boring: L5

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	LEAN CLAY (CL): continued Wood fragments Gray (10YR 5/1)		CL					15.5		
34										
35										

Total Depth = 35.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Boring destroyed by placing cement-bentonite grout from total depth to ground surface using tremie methods. Surface restored with Rapid Set concrete and dyed to match surroundings.

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Log of Soil Boring: L6

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CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

DATE STARTED 1 Oct 2019 **COMPLETED** 1 Oct 2019 **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Parratt-Wolf Inc. **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with MC5 Coring Systems **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Geoprobe 7822 DT **LOGGED BY** J. Voss, GIT **CHECKED BY** C. Sorensen, PG

GROUND SURFACE See below **BORING DIAMETER (in)** 3.25/2.25 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	1" Topsoil and grass									
	SILTY SAND (SM): brown (10YR 5/3), moist, ~70% fine sand, ~30% low plasticity fines, roots		SM					0.6		Hand auger to 5 ft bgs.
1	CLAYEY SAND (SC): brown (10YR 5/3), moist, ~70% fine sand, ~30% medium plasticity fines, roots		SC							PID: MiniRAE 3000 calibrated to a 100ppm isobutylene standard. PID readings are headspace measurements of soil in resealable plastic bags.
2	SANDY LEAN CLAY (CL): mottled brown (10YR 5/3) and brownish yellow (10YR 6/6), moist, ~70% fines, ~30% fine sand, medium plasticity, medium toughness, firm to hard		CL							
3								1		
4	POORLY GRADED SAND (SP): mottled light gray (10YR 7/2) and very pale brown (10YR 7/4), wet, ~95% fine to coarse sand, ~5% nonplastic fines		SP							
5								0.7		
6	Gray (10YR 5/1)									
7										
8								0.8		
9										

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Log of Soil Boring: L6

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued		SP							
11								0.7		
12										
13										
14										
15										
16										
17								0.7		
18										
19										
	LEAN CLAY WITH SAND (CL): gray (10YR 5/1), wet, ~80% fines, ~20% fine sand, medium plasticity, soft							0.9		
20										
21										

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GSI Environmental
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Telephone: 949-679-1070

Log of Soil Boring: L6

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
22	POORLY GRADED SAND (SP): continued		SP							
23										
24	CLAYEY SAND (SC): dark gray (2.5Y 4/1), wet, ~80% fine to coarse sand, ~20% medium plasticity fines		SC							
25										
26	~70% sand, ~30% fines							1.1		
27	LEAN CLAY (CL): dark gray (2.5Y 4/1), moist, ~90% fines, ~10% fine sand, medium plasticity, medium to high toughness, firm		CL							
28										
29										
30										
31										
32										

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Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L6

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	LEAN CLAY (CL): continued		CL							
34										

Total Depth = 34.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Boring destroyed by placing cement-bentonite grout from total depth to ground surface using tremie methods. Surface restored with Rapid Set concrete and dyed to match surroundings.

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GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L7

CLIENT NAVFAC | **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 | **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

DATE STARTED 30 Sep 2019 **COMPLETED** 30 Sep 2019 | **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Parratt-Wolf Inc. | **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with MC5 Coring Systems | **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Geoprobe 7822 DT | **LOGGED BY** J. Voss, GIT **CHECKED BY** C. Sorensen, PG

GROUND SURFACE See below **BORING DIAMETER (in)** 3.25/2.25 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	1" Topsoil and grass									
	POORLY GRADED SAND WITH SILT (SP-SM): black (10YR 2/1), moist, ~90% fine to medium sand, ~10% nonplastic fines, roots		SP-SM							Hand auger to 5 ft bgs.
1	SILTY SAND (SM): grayish brown (10YR 5/2), moist, ~75% fine to medium sand, ~25% low to medium plasticity fines, trace coarse sand		SM					1		PID: MiniRAE 3000 calibrated to a 100ppm isobutylene standard. PID readings are headspace measurements of soil in resealable plastic bags.
2	SANDY LEAN CLAY (CL): mottled grayish brown (10YR 5/2) and yellowish brown (10YR 5/6), moist, ~70% fines ~30% fine sand, medium plasticity, medium toughness		CL							
3										
4	POORLY GRADED SAND (SP): light brownish gray (10YR 6/2), wet, ~95% fine to coarse sand, ~5% low plasticity fines		SP					0.5		
5	Nonplastic fines									
6										
7										
8										
9										

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GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L7

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): wet Grayish brown (10YR 5/2)		SP					3.7		
11										
12										
13										
14										
15								0.5		
16										
17										
18										
19								0.5		
20										
21										

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GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L7

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
22	POORLY GRADED SAND (SP): continued		SP							
23										
24								0.4		
25	POORLY GRADED SAND WITH CLAY (SP-SC): gray (10YR 5/1), wet, ~90% fine to coarse sand, ~10% medium plasticity fines		SP-SC							
26	CLAYEY SAND (SC): dark gray (10YR 4/1), wet, ~70% fine to medium sand, ~30% medium plasticity fines		SC					0.7		
27										
28	SANDY LEAN CLAY (CL): dark gray (10YR 4/1), wet, ~70% fines, ~30% fine sand, medium plasticity		CL							
29	LEAN CLAY (CL): dark gray (10YR 4/1), moist, ~90% fines, ~10% fine sand, medium plasticity		CL					0.6		
30										
31										
32										

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GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L7

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									

Total Depth = 33.0 feet.

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Boring destroyed by placing cement-bentonite grout from total depth to ground surface using tremie methods. Surface restored with Rapid Set concrete and dyed to match surroundings.

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Log of Soil Boring: L8

GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

DATE STARTED 25 Sep 2019 **COMPLETED** 25 Sep 2019 **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Parratt-Wolf Inc. **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Dual Tube & MC5 Coring Systems **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Geoprobe 7822 DT **LOGGED BY** C. Sorensen, PG **CHECKED BY** C. Sorensen, PG

GROUND SURFACE See below **BORING DIAMETER (in)** 3.25/2.25 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	1" Topsoil and grass									
	SILTY SAND (SM): grayish brown (10YR 5/2), moist, ~70% fine sand, ~30% low plasticity fines, roots		SM							Hand auger to 5 ft bgs.
1	SANDY LEAN CLAY (CL): grayish brown (10YR 5/2), moist, ~70% fines, ~30% fine sand, medium plasticity, medium toughness, firm		CL							PID: MiniRAE 3000 calibrated to a 100ppm isobutylene standard. PID readings are headspace measurements of soil in resealable plastic bags.
2	Mottled grayish brown (10YR 5/2) and brownish yellow (10YR 6/6), increasing moisture									Dual tube with bentonite drilling fluid was utilized from 5 to 15 ft bgs.
3										MC5 Macro Core Sampler was utilized from 15 ft to total depth.
4										
5	POORLY GRADED SAND (SP): light grayish brown (10YR 6/2), moist, ~95% fine to medium sand, ~5% fines, trace coarse sand		SP							
	Wet							0.7		
6										
7	SILTY SAND (SM): gray (10YR 5/1), wet, ~70% fine sand, ~30% low plasticity fines									
	Gray (10YR 5/1), fine sand, medium and coarse sand absent									
8										
9										

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GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L8

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued		SP							
11								0.6		
12										
13	Trace medium sand									
14										
15	Fine sand, medium sand absent							1.2		
16										
17										
18	Fine to medium sand									
19										
20										
21										

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GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L8

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
22	POORLY GRADED SAND (SP): continued		SP							
23										
24								0.5		
25	POORLY GRADED SAND WITH SILT (SP-SM): dark gray (10YR 4/1), wet, ~90% fine sand, ~10% low plasticity fines		SP-SM					0.4		
26										
27	CLAYEY SAND (SC): dark gray (10YR 4/1), wet, ~70% fine sand, ~30% medium plasticity fines		SC							
28										
29	POORLY GRADED SAND (SP): dark gray (10YR 4/1), wet, ~95% fine sand, ~5% fines, trace medium to coarse sand		SP							
30										
31										
32										
	LEAN CLAY (CL): see next page		CL							

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GSI Environmental
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Telephone: 949-679-1070

Log of Soil Boring: L8

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
34	LEAN CLAY (CL): gray (10YR 5/1), moist, ~90% fines, ~10% fine sand, medium plasticity, low toughness, no dilatancy, soft		CL							
35								0.4		
36										
37	SANDY LEAN CLAY (CL): gray (10YR 5/1), moist, ~70% fines, ~30% fine sand, medium plasticity, low toughness, soft		CL							
38	CLAYEY SAND (SC): gray (10YR 5/1), wet, ~60% fine sand, ~40% medium plasticity fines		SC							
39	POORLY GRADED SAND (SP): gray (10YR 5/1), wet, ~95% fine to medium sand, ~5% fines		SP							

Total Depth = 39.0 feet (refusal).

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Boring destroyed by placing cement-bentonite grout from total depth to ground surface using tremie methods. Surface restored with Rapid Set concrete and dyed to match surroundings.

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GSI Environmental
19200 Von Karman Ave. Suite 800
Irvine, California 92612
Telephone: 949-679-1070

Log of Soil Boring: L9

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

DATE STARTED 26 Sep 2019 **COMPLETED** 26 Sep 2019 **GROUND ELEVATION** N/A **DATUM** N/A

DRILLING CONTRACTOR Parratt-Wolf Inc. **TOP OF CASING ELEVATION** N/A **DATUM** N/A

DRILLING METHOD Direct Push with Dual Tube & MC5 Coring Systems **LATITUDE** N/A **LONGITUDE** N/A

DRILLING EQUIPMENT Geoprobe 7822 DT **LOGGED BY** C. Sorensen, PG **CHECKED BY** C. Sorensen, PG

GROUND SURFACE See below **BORING DIAMETER (in)** 3.25/2.25 **RESPONSIBLE PROFESSIONAL** C. Sorensen, PG **REG. NO.** 9605

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	1" Topsoil and grass									
	SILTY SAND (SM): brown (10YR 5/3), dry, ~75% fine sand, ~25% nonplastic fines, roots		SM							
	POORLY GRADED SAND (SP): very pale brown (10YR 8/3), moist, ~95% fine sand, ~5% fines, trace medium sand		SP							
1	SANDY LEAN CLAY (CL): grayish brown (10YR 5/2), moist, ~70% fines, ~30% fine to medium sand, medium plasticity, medium toughness, firm, roots		CL					1		PID: MiniRAE 3000 calibrated to a 100ppm isobutylene standard. PID readings are headspace measurements of soil in resealable plastic bags.
	POORLY GRADED SAND (SP): very pale brown (10YR 7/3), moist, ~95% fine to medium sand, ~5% fines		SP							Dual tube with bentonite drilling fluid was utilized from 0 to 10 ft bgs.
2	Light gray (10YR 7/2), increasing moisture									
3	Wet, trace coarse sand									MC5 Macro Core Sampler was utilized from 10 ft to total depth.
4										
5								0.5		
6										
7	Pale brown (2.5Y 7/3)									
8										
9										

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Log of Soil Boring: L9

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
	POORLY GRADED SAND (SP): continued Gray (2.5Y 5/1), fine to medium sand, coarse sand absent		SP							
11								0.5		
	LEAN CLAY WITH SAND (CL): gray (2.5Y 5/1), wet, ~80% fines, ~20% fine sand, medium plasticity, low toughness, soft									
12										
13	Mottled gray (2.5Y 5/1) and pale brown (2.5Y 7/4)									
14										
15								0.6		
16	LEAN CLAY WITH SAND (CL): gray (2.5Y 5/1), wet, ~75% fines, ~25% fine sand, medium plasticity, low toughness, trace wood fragments									
	LEAN CLAY WITH SAND (CL): gray (2.5Y 5/1), wet, ~75% fines, ~25% fine sand, medium plasticity, low toughness, trace wood fragments									
17	LEAN CLAY WITH SAND (CL): gray (2.5Y 5/1), wet, ~75% fines, ~25% fine sand, medium plasticity, low toughness, trace wood fragments									
	LEAN CLAY WITH SAND (CL): gray (2.5Y 5/1), wet, ~75% fines, ~25% fine sand, medium plasticity, low toughness, trace wood fragments									
18	Gray (2.5Y 6/1), fine sand, medium sand absent									
19								0.6		
20	Gray (2.5Y 5/1), wood fragments									
21										

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Log of Soil Boring: L9

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
22	POORLY GRADED SAND (SP): continued		SP							
23								0.5		
24										
25										
26										
27										
28	LEAN CLAY (CL): gray (10YR 5/1), moist, ~90% fines, ~10% fine sand, medium plasticity, medium toughness, no dilatancy, firm		CL							
29										
30								0.6		
31	Pale brown (10YR 6/3) POORLY GRADED SAND (SP): gray (10YR 5/1), wet, ~95% fine to medium sand, ~5% fines		SP							
32										

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Telephone: 949-679-1070

Log of Soil Boring: L9

CLIENT NAVFAC **PROJECT NAME** Fentress

GSI JOB NUMBER 4500 **PROJECT LOCATION** Naval Aux. Landing Field Fentress, Chesapeake, VA

Depth (ft bgs)	Soil Description	Lithology	USCS	Sample Type	Blows/ 6 inches	Recovery	Lab Sample	PID (ppm)	Water Level	Notes
	GROUND SURFACE									
34	POORLY GRADED SAND (SP): continued		SP							
35	Total Depth = 35.0 feet.									

Note: Where soil was not recovered, geologic interpretations are based on the lithology above and/or below the no sample interval, as well as observations made in the field.

Note: Boring destroyed by placing cement-bentonite grout from total depth to ground surface using tremie methods. Surface restored with Rapid Set concrete and dyed to match surroundings.

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E.3 Groundwater Field Parameters

GSI ENVIRONMENTAL

GROUNDWATER FIELD PARAMTERS AT NALF FENTRESS VA

ESTCP ER-201633: Characterization of the Nature and Extent of Per- and Poly-Fluoroalkyl Substances (PFAS) in Environmental Media

Location ID	Sample ID	Sample Date	Groundwater Screen Interval (ft BGS)	Temperature (deg C)	pH	Spec. Cond. (mS/cm)	Turbidity (NTU)	Diss. Oxygen (mg/L)	Redox (mV)
B1	B1-GW-5-7	9/23/2019	5-7	26.8	7.03	0.22	29.6	0.99	-3.4
B1	B1-GW-14-16	9/23/2019	14-16	25.2	8.17	0.37	> 1000	0.33	-21.0
B1	B1-GW-20-22	9/23/2019	20-22	24.1	6.92	0.25	11.13	0.50	17.9
B1	B1-GW-25-27	9/23/2019	25-27	--	8.96	0.39	> 1000	2.30	17.6
B2	B2-GW-5-7	9/20/2019	5-7	20.6	6.71	0.53	> 1000	1.40	56.3
B2	B2-GW-14-16	9/20/2019	14-16	19.1	6.11	0.35	> 1000	2.38	39.5
B2	B2-GW-20-22	9/20/2019	20-22	19.0	7.00	0.38	> 1000	0.20	-52.0
B2	B2-GW-24-26	9/20/2019	24-26	22.0	5.87	0.38	> 1000	1.38	-67.0
L1	L1-GW-5-7	10/2/2019	5-7	24.3	6.26	0.26	> 1000	0.83	41.0
L1	L1-GW-10-12	10/2/2019	10-12	24.9	6.17	0.17	> 1000	1.31	7.8
L1	L1-GW-17-19	10/2/2019	17-19	23.2	6.41	0.27	> 1000	0.09	-89.9
L1	L1-GW-23-25	10/2/2019	23-25	26.5	6.32	0.35	> 1000	1.63	-60.8
L1	L1-GW-40-42	10/2/2019	40-42	25.8	6.30	0.24	> 1000	0.36	-64.1
L2	L2-GW-5-7	10/3/2019	5-7	23.5	5.85	0.21	> 1000	0.88	64.4
L2	L2-GW-10-12	10/3/2019	10-12	24.0	6.81	0.25	> 1000	0.06	-47.9
L2	L2-GW-18-20	10/3/2019	18-20	23.5	6.83	0.31	> 1000	0.19	-78.7
L2	L2-GW-23-25	10/3/2019	23-25	23.4	6.22	0.22	> 1000	0.30	-7.0
L3	L3-GW-5-7	9/24/2019	5-7	26.1	6.75	0.59	42.7	5.07	105.7
L3	L3-GW-10-12	9/24/2019	10-12	26.1	7.71	0.20	> 1000	1.56	-19.8
L3	L3-GW-20-22	9/24/2019	20-22	25.1	7.19	0.26	60.9	0.71	22.9
L3	L3-GW-28-30	9/24/2019	28-30	24.3	7.05	0.28	> 1000	1.51	-4.1
L4	L4-GW-5-7	9/25/2019	5-7	21.3	5.58	0.12	31.6	2.2	146.5
L4	L4-GW-12-14	9/25/2019	12-14	21.8	7.00	0.34	> 1000	0.47	42.3
L4	L4-GW-20-22	9/25/2019	20-22	21.4	6.85	0.27	86.5	1.16	42.9
L4	L4-GW-25-27	9/25/2019	25-27	21.9	6.71	0.30	> 1000	2.43	53.5
L5	L5-GW-5-7	10/3/2019	5-7	25.8	5.67	0.11	> 1000	1.86	66.1
L5	L5-GW-10-12	10/3/2019	10-12	26.3	6.38	0.20	> 1000	1.16	-12.1
L5	L5-GW-18-20	10/3/2019	18-20	26.4	6.35	0.24	> 1000	0.34	-8.5
L5	L5-GW-23-25	10/3/2019	23-25	25.7	6.46	0.28	> 1000	0.11	-41.9
L6	L6-GW-5-7	10/1/2019	5-7	22.5	7.87	0.28	> 1000	1.15	10.2
L6	L6-GW-10-12	10/1/2019	10-12	22.3	7.06	0.26	> 1000	0.15	-57.5
L6	L6-GW-18-20	10/1/2019	18-20	21.9	6.22	0.24	> 1000	0.49	-31.1
L6	L6-GW-24-26	10/1/2019	24-26	25.1	7.36	0.31	> 1000	0.35	163.6
L7	L7-GW-5-7	9/30/2019	5-7	24.5	4.58	0.09	> 1000	3.40	150.0
L7	L7-GW-10-12	9/30/2019	10-12	23.9	5.63	0.26	> 1000	0.38	-18.8
L7	L7-GW-18-20	9/30/2019	18-20	22.9	5.52	0.21	> 1000	0.46	4.3
L7	L7-GW-24-26	9/30/2019	24-26	21.8	5.59	0.35	> 1000	0.37	-37.1
L8	L8-GW-5-7	9/26/2019	5-7	22.1	5.63	0.18	32.2	3.68	163.5
L8	L8-GW-10-12	9/26/2019	10-12	23.3	5.98	0.17	> 1000	0.47	135.7
L8	L8-GW-20-22	9/26/2019	20-22	21.7	6.36	1.83	90.3	0.91	103.2
L8	L8-GW-28-30	9/26/2019	28-30	25.6	8.70	0.31	> 1000	0.59	-26.0
L9	L9-GW-5-7	9/27/2019	5-7	22.4	6.80	0.31	> 1000	12.50	-22.5
L9	L9-GW-10-12	9/27/2019	10-12	22.9	7.27	0.28	> 1000	9.10	-58.4
L9	L9-GW-20-22	9/27/2019	20-22	22.1	6.29	0.18	> 1000	1.38	28.2
L9	L9-GW-23-26	9/27/2019	23-26	23.2	7.63	0.27	49.5	0.32	-71.1

Notes:
1. "--" not available

E.4 VOCs and Soil

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1143191-01	L1143191-02	L1143191-03	L1143191-04	L1143191-05
SAMPLE ID:	B1-0.5	B1-16.5	B2-1.5	B2-16.5	B2-27.5
SAMPLE DEPTH:					
SAMPLE DATE:	09/18/2019	09/18/2019	09/20/2019	09/20/2019	09/20/2019
ANALYTE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds by Method 8260B					
Acetone	<0.0258	0.0461	0.0312	0.0263	0.0357
Acrolein					
Acrylonitrile	<0.0129	<0.0125	<0.0125	<0.0125	<0.0125
Benzene	<0.00103	<0.00100	<0.00100	<0.00100	<0.00100
Bromobenzene	<0.0129	<0.0125	<0.0125	<0.0125	<0.0125
Bromodichloromethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Bromoform	<0.0258	<0.0250	<0.0250	<0.0250	<0.0250
Bromomethane	<0.0129	<0.0125	<0.0125	<0.0125	<0.0125
N-Butylbenzene	<0.0129	<0.0125	<0.0125	<0.0125	<0.0125
Sec-Butylbenzene	0.00448 J	<0.0125	<0.0125	<0.0125	<0.0125
Tert-Butylbenzene	0.0281 J4	<0.00500 J4	<0.00500 J4	<0.00500 J4	<0.00500 J4
Carbon Tetrachloride	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
Chlorobenzene	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Chlorodibromomethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Chloroethane	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
Chloroform	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Chloromethane	<0.0129 J4	<0.0125 J4	<0.0125 J4	<0.0125 J4	<0.0125 J4
2-Chlorotoluene	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
4-Chlorotoluene	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromo-3-Chloropropane	<0.0258	<0.0250	<0.0250	<0.0250	<0.0250
1,2-Dibromoethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Dibromomethane	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dichlorobenzene	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
1,3-Dichlorobenzene	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
1,4-Dichlorobenzene	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
Dichlorodifluoromethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
1,1-Dichloroethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
1,2-Dichloroethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
1,1-Dichloroethene	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Cis-1,2-Dichloroethene	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Trans-1,2-Dichloroethene	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dichloropropane	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloropropene	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
1,3-Dichloropropane	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
Cis-1,3-Dichloropropene	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Trans-1,3-Dichloropropene	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
2,2-Dichloropropane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Di-Isopropyl Ether	<0.00103	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Hexachloro-1,3-Butadiene	<0.0258	<0.0250	<0.0250	<0.0250	<0.0250
Isopropylbenzene	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
P-Isopropyltoluene	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
2-Butanone (Mek)	0.0282	0.0314	0.0192 J	0.014 J	0.0154 J
Methylene Chloride	<0.0258	<0.0250	<0.0250	<0.0250	<0.0250
4-Methyl-2-Pentanone (Mibk)	<0.0258	<0.0250	<0.0250	<0.0250	<0.0250
Methyl Tert-Butyl Ether	<0.00103	<0.00100	<0.00100	<0.00100	<0.00100
Naphthalene	<0.0129	<0.0125	<0.0125	<0.0125	<0.0125
N-Propylbenzene	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
Styrene	<0.0129	<0.0125	<0.0125	<0.0125	<0.0125
1,1,1,2-Tetrachloroethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
1,1,2,2-Tetrachloroethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
1,1,2-Trichlorotrifluoroethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Tetrachloroethene	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Toluene	0.00561	0.00317 J	0.00439 J	0.00174 J	**0.00418 J**
1,2,3-Trichlorobenzene	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trichlorobenzene	<0.0129	<0.0125	<0.0125	<0.0125	<0.0125
1,1,1-Trichloroethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
1,1,2-Trichloroethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Trichloroethene	<0.00103	<0.00100	<0.00100	<0.00100	<0.00100
Trichlorofluoromethane	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
1,2,3-Trichloropropane	<0.0129	<0.0125	<0.0125	<0.0125	<0.0125
1,2,4-Trimethylbenzene	0.00317 J	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trimethylbenzene	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
1,3,5-Trimethylbenzene	<0.00515	<0.00500	<0.00500	<0.00500	<0.00500
Vinyl Chloride	<0.00258	<0.00250	<0.00250	<0.00250	<0.00250
Xylenes, Total	<0.00670	<0.00650	<0.00650	<0.00650	<0.00650
Dissolved Gases By Method RSK 175					
Methane					
Ethane					
Ethene					
Field Parameters - After Sampling					
Temperature (°C)					
Specific Conductivity (mS/cm)					
Turbidity (NTU)					
Redox (mV)					
Dissolved Oxygen (mg/L)					
pH					
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)					
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)	0.0091	0.0005	0.0104	0.0033	0.0059

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
-- = Not analyzed or not applicable.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1143191-06	L1143191-07	L1143191-08	L1143191-09	L1143191-10
SAMPLE ID:	B2-GW-14-16	B2-GW-24-26	B1-GW-14-16	B1-GW-25-27	DUP-1
SAMPLE DEPTH:	14-16 FT	24-26 FT	14-16 FT	25-27 FT	
SAMPLE DATE:	09/20/2019	09/20/2019	09/23/2019	09/23/2019	09/23/2019
ANALYTE	mg/L	mg/L	mg/L	mg/L	mg/kg
Volatile Organic Compounds by Method 8260B					
Acetone	<1.00	<1.00	<1.00	<1.00	<1.00
Acrolein	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Acrylonitrile	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	<0.00125	<0.00125	<0.00125	<0.00125	<0.00125
Bromoform	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
N-Butylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Sec-Butylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tert-Butylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Carbon Tetrachloride	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chloroform	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chloromethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
2-Chlorotoluene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cis-1,2-Dichloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trans-1,2-Dichloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloropropane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cis-1,3-Dichloropropene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trans-1,3-Dichloropropene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Di-Isopropyl Ether	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Isopropylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
P-Isopropyltoluene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2-Butanone (Mek)	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methylene Chloride	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
4-Methyl-2-Pentanone (Mibk)	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Naphthalene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
N-Propylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Styrene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2,2-Tetrachloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Toluene	0.00099 J	0.000782 J	<0.00100	0.00909	0.00985
1,2,3-Trichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,4-Trichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1-Trichloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichlorofluoromethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trichloropropane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Xylenes, Total	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Dissolved Gases By Method RSK 175					
Methane	<0.0100	**0.364**	0.0454	**0.0425**	**0.0318**
Ethane	<0.0130	**<0.0130**	<0.0130	<0.0130	<0.0130
Ethene	<0.0130	<0.0130	<0.0130	<0.0130	<0.0130
Field Parameters - After Sampling					
Temperature (°C)	19.1	22	25.2	--	
Specific Conductivity (mS/cm)	0.35	0.38	0.37	0.39	
Turbidity (NTU)	>1000	>1000	>1000	>1000	
Redox (mV)	39.5	-67	-21	17.6	
Dissolved Oxygen (mg/L)	2.38	1.38	0.33	2.3	
pH	6.11	5.87	8.17	8.96	
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)					
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)					

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
-- = Not analyzed or not applicable.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1144020-01	L1144020-02	L1144020-03	L1144020-04	L1144020-05
SAMPLE ID:	L3-12.5	L3-29	L4-12	L4-20	DUP-2
SAMPLE DEPTH:					
SAMPLE DATE:	09/24/2019	09/24/2019	09/25/2019	09/25/2019	09/25/2019
ANALYTE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds by Method 8260B					
Acetone	0.0477	0.0234	<0.0275	<0.0250	0.0556
Acrolein					
Acrylonitrile	<0.0134	<0.0125	<0.0138	<0.0125	<0.0250
Benzene	<0.00107	<0.00100	<0.00110	<0.00100	<0.00200
Bromobenzene	<0.0134	<0.0125	<0.0138	<0.0125	<0.0250
Bromodichloromethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Bromoform	<0.0268	<0.0250	<0.0275	<0.0250	<0.0500
Bromomethane	<0.0134	<0.0125	<0.0138	<0.0125	<0.0250
N-Butylbenzene	<0.0134	<0.0125	<0.0138	<0.0125	<0.0250
Sec-Butylbenzene	<0.0134	<0.0125	<0.0138	<0.0125	<0.0250
Tert-Butylbenzene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
Carbon Tetrachloride	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
Chlorobenzene	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Chlorodibromomethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Chloroethane	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
Chloroform	<0.00268 J4	<0.00250 J4	<0.00275 J4	<0.00250 J4	<0.00500 J4
Chloromethane	<0.0134	<0.0125	<0.0138	<0.0125	<0.0250
2-Chlorotoluene	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
4-Chlorotoluene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
1,2-Dibromo-3-Chloropropane	<0.0268	<0.0250	<0.0275	<0.0250	<0.0500
1,2-Dibromoethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Dibromomethane	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
1,2-Dichlorobenzene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
1,3-Dichlorobenzene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
1,4-Dichlorobenzene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
Dichlorodifluoromethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
1,1-Dichloroethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
1,2-Dichloroethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
1,1-Dichloroethene	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Cis-1,2-Dichloroethene	<0.00268	<0.00250	<0.00275	<0.00250	**<0.00500**
Trans-1,2-Dichloroethene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
1,2-Dichloropropane	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
1,1-Dichloropropene	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
1,3-Dichloropropane	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
Cis-1,3-Dichloropropene	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Trans-1,3-Dichloropropene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
2,2-Dichloropropane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Di-Isopropyl Ether	<0.00107	<0.00100	<0.00110	<0.00100	<0.00200
Ethylbenzene	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Hexachloro-1,3-Butadiene	<0.0268	<0.0250	<0.0275	<0.0250	<0.0500
Isopropylbenzene	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
P-Isopropyltoluene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
2-Butanone (Mek)	0.0254 J	0.0164 J	<0.0275	0.0179 J	<0.0500 J
Methylene Chloride	0.00784 B J	0.00795 B J	0.00864 B J	0.00772 B J	<0.0500
4-Methyl-2-Pentanone (Mibk)	<0.0268	<0.0250	<0.0275	<0.0250	<0.0500
Methyl Tert-Butyl Ether	<0.00107	<0.00100	<0.00110	<0.00100	<0.00200
Naphthalene	<0.0134	<0.0125	<0.0138	<0.0125	<0.0250
N-Propylbenzene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
Styrene	<0.0134	<0.0125	<0.0138	<0.0125	<0.0250
1,1,1,2-Tetrachloroethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
1,1,2,2-Tetrachloroethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
1,1,2-Trichlorotrifluoroethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Tetrachloroethene	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Toluene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
1,2,3-Trichlorobenzene	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
1,2,4-Trichlorobenzene	<0.0134	<0.0125	<0.0138	<0.0125	<0.0250
1,1,1-Trichloroethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
1,1,2-Trichloroethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Trichloroethene	<0.00107	<0.00100	<0.00110	<0.00100	<0.00200
Trichlorofluoromethane	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
1,2,3-Trichloropropane	<0.0134	<0.0125	<0.0138	<0.0125	<0.0250
1,2,4-Trimethylbenzene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
1,2,3-Trimethylbenzene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
1,3,5-Trimethylbenzene	<0.00535	<0.00500	<0.00550	<0.00500	<0.0100
Vinyl Chloride	<0.00268	<0.00250	<0.00275	<0.00250	<0.00500
Xylenes, Total	<0.00696	<0.00650	<0.00715	<0.00650	<0.0130
Dissolved Gases By Method RSK 175					
Methane					
Ethane					
Ethene					
Field Parameters - After Sampling					
Temperature (°C)					
Specific Conductivity (mS/cm)					
Turbidity (NTU)					
Redox (mV)					
Dissolved Oxygen (mg/L)					
pH					
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)					
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)	0.0008	0.0029	0.0013	0.0007	0.0009

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
-- = Not analyzed or not applicable.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1144020-06	L1144020-07	L1144020-08	L1144020-09	L1144020-10
SAMPLE ID:	L4-27	L8-6.5	L8-12	L8-29	DUP-4
SAMPLE DEPTH:					
SAMPLE DATE:	09/25/2019	09/25/2019	09/25/2019	09/25/2019	09/25/2019
ANALYTE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds by Method 8260B					
Acetone	0.0317	<0.0250	<0.0250	0.0305	<0.0250
Acrolein					
Acrylonitrile	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125
Benzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromobenzene	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125
Bromodichloromethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Bromoform	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Bromomethane	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125
N-Butylbenzene	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125
Sec-Butylbenzene	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125
Tert-Butylbenzene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Carbon Tetrachloride	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chlorobenzene	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Chlorodibromomethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Chloroethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chloroform	<0.00250 J4	<0.00250 J4	<0.00250 J4	<0.00250 J4	<0.00250 J4
Chloromethane	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125
2-Chlorotoluene	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
4-Chlorotoluene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromo-3-Chloropropane	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
1,2-Dibromoethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Dibromomethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dichlorobenzene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,3-Dichlorobenzene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,4-Dichlorobenzene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Dichlorodifluoromethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,1-Dichloroethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2-Dichloroethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,1-Dichloroethene	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Cis-1,2-Dichloroethene	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Trans-1,2-Dichloroethene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dichloropropane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloropropene	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,3-Dichloropropane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Cis-1,3-Dichloropropene	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Trans-1,3-Dichloropropene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2,2-Dichloropropane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Di-Isopropyl Ether	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Hexachloro-1,3-Butadiene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Isopropylbenzene	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
P-Isopropyltoluene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Butanone (Mek)	0.0131 J	0.0125 J	<0.0250 J	0.0193 J	0.0187
Methylene Chloride	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
4-Methyl-2-Pentanone (Mibk)	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Methyl Tert-Butyl Ether	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Naphthalene	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125
N-Propylbenzene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Styrene	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125
1,1,1,2-Tetrachloroethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,1,2,2-Tetrachloroethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,1,2-Trichlorotrifluoroethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Tetrachloroethene	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Toluene	<0.00500	**<0.00500**	<0.00500	<0.00500	<0.00500
1,2,3-Trichlorobenzene	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trichlorobenzene	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125
1,1,1-Trichloroethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,1,2-Trichloroethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Trichloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichlorofluoromethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,3-Trichloropropane	<0.0125	<0.0125	<0.0125	<0.0125	<0.0125
1,2,4-Trimethylbenzene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trimethylbenzene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,3,5-Trimethylbenzene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Vinyl Chloride	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Xylenes, Total	<0.00650	<0.00650	<0.00650	<0.00650	<0.00650
Dissolved Gases By Method RSK 175					
Methane					
Ethane					
Ethene					
Field Parameters - After Sampling					
Temperature (°C)					
Specific Conductivity (mS/cm)					
Turbidity (NTU)					
Redox (mV)					
Dissolved Oxygen (mg/L)					
pH					
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)					
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)	0.0039	0.0115	0.0011	0.0033	0.0038

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
-- = Not analyzed or not applicable.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1144020-11	L1144020-12	L1144020-13	L1144020-14	L1144020-15
SAMPLE ID:	L3-GW-10-12	L3-GW-28-30	L4-GW-12-14	L4-GW-25-27	DUP-3
SAMPLE DEPTH:	10-12 FT	28-30 FT	12-14 FT	25-27 FT	
SAMPLE DATE:	09/24/2019	09/24/2019	09/24/2019	09/25/2019	09/25/2019
ANALYTE	mg/L	mg/L	mg/L	mg/L	mg/kg
Volatile Organic Compounds by Method 8260B					
Acetone	<1.00	<1.00	<1.00	<1.00	<1.00
Acrolein	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Acrylonitrile	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	<0.00125	<0.00125	<0.00125	<0.00125	<0.00125
Bromoform	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
N-Butylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Sec-Butylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tert-Butylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Carbon Tetrachloride	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chloroform	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chloromethane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
2-Chlorotoluene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cis-1,2-Dichloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trans-1,2-Dichloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloropropane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cis-1,3-Dichloropropene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trans-1,3-Dichloropropene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Di-Isopropyl Ether	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Isopropylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
P-Isopropyltoluene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2-Butanone (Mek)	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methylene Chloride	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
4-Methyl-2-Pentanone (Mibk)	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Naphthalene	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
N-Propylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Styrene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2,2-Tetrachloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Toluene	0.00137	0.00313	0.00299	0.00136	0.00133
1,2,3-Trichlorobenzene	<0.00100 J4	<0.00100 J4	<0.00100	<0.00100	<0.00100
1,2,4-Trichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1-Trichloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichlorofluoromethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trichloropropane	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Xylenes, Total	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Dissolved Gases By Method RSK 175					
Methane	**0.14**	**0.121**	**0.101**	**0.276**	**0.267**
Ethane	<0.0130	<0.0130	0.00623 J	<0.0130	<0.0130
Ethene	<0.0130	<0.0130	<0.0130	<0.0130	<0.0130
Field Parameters - After Sampling					
Temperature (°C)	26.1	24.3	21.8	21.9	
Specific Conductivity (mS/cm)	0.2	0.28	0.34	0.3	
Turbidity (NTU)	>1000	>1000	>1000	>1000	
Redox (mV)	-19.8	-4.1	42.3	53.5	
Dissolved Oxygen (mg/L)	1.56	1.51	0.47	2.43	
pH	7.71	7.05	7	6.71	
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)					
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)					

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
-- = Not analyzed or not applicable.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1144996-01	L1144996-02	L1144996-03	L1144996-04	L1144996-05
SAMPLE ID:	L8-GW-28-30	L9-12	L9-24	L9-GW-10-12	L9-GW-23-26
SAMPLE DEPTH:	28-30 FT			10-12 FT	23-26 FT
SAMPLE DATE:	09/26/2019	09/26/2019	09/26/2019	09/27/2019	09/27/2019
ANALYTE	mg/L	mg/kg	mg/kg	mg/L	mg/L
Volatile Organic Compounds by Method 8260B					
Acetone	0.0112 J	<0.0250	0.0551	<1.00	<1.00
Acrolein	<0.0500			<0.0500	<0.0500
Acrylonitrile	<0.0100	<0.0125	<0.0125	<0.0100	<0.0100
Benzene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromobenzene	<0.00100	<0.0125 J4	<0.0125	<0.00100	<0.00100
Bromodichloromethane	<0.00125	<0.00250	<0.00250	<0.00125	<0.00125
Bromoform	<0.00100	<0.0250	<0.0250	<0.00100	<0.00100
Bromomethane	<0.00500	<0.0125	<0.0125	<0.00500	<0.00500
N-Butylbenzene	<0.00100	<0.0125	<0.0125	<0.00100	<0.00100
Sec-Butylbenzene	<0.00100	<0.0125	<0.0125	<0.00100	<0.00100
Tert-Butylbenzene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
Carbon Tetrachloride	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
Chlorobenzene	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
Chlorodibromomethane	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
Chloroethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chloroform	<0.00500	<0.00250	<0.00250	<0.00500	<0.00500
Chloromethane	<0.00250	<0.0125	<0.0125	<0.00250	<0.00250
2-Chlorotoluene	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
4-Chlorotoluene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	<0.00500	<0.0250	<0.0250	<0.00500	<0.00500
1,2-Dibromoethane	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
Dibromomethane	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
1,2-Dichlorobenzene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
1,3-Dichlorobenzene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
1,4-Dichlorobenzene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
Dichlorodifluoromethane	<0.00500	<0.00250	<0.00250	<0.00500	<0.00500
1,1-Dichloroethane	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
1,2-Dichloroethane	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
1,1-Dichloroethene	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
Cis-1,2-Dichloroethene	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
Trans-1,2-Dichloroethene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
1,2-Dichloropropane	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
1,1-Dichloropropene	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
1,3-Dichloropropane	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
Cis-1,3-Dichloropropene	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
Trans-1,3-Dichloropropene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
2,2-Dichloropropane	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
Di-Isopropyl Ether	<0.00100 J3	<0.00100	<0.00100	<0.00100 J3	<0.00100 J3
Ethylbenzene	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	<0.00100	<0.0250	<0.0250	<0.00100	<0.00100
Isopropylbenzene	**<0.00100**	<0.00250	<0.00250	<0.00100	<0.00100
P-Isopropyltoluene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
2-Butanone (Mek)	**<0.0100**	0.0125 J	0.0141 J	<0.0100	<0.0100
Methylene Chloride	<0.00500	<0.0250	<0.0250	<0.00500	<0.00500
4-Methyl-2-Pentanone (Mibk)	<0.0100	<0.0250	<0.0250	<0.0100	<0.0100
Methyl Tert-Butyl Ether	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Naphthalene	<0.00500	<0.0125	<0.0125	<0.00500	<0.00500
N-Propylbenzene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
Styrene	<0.00100	<0.0125	<0.0125	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
1,1,2,2-Tetrachloroethane	<0.00100	<0.00250	<0.00250 J4	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
Tetrachloroethene	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
Toluene	**0.00706**	0.00586	0.00486 J	0.000543 J	0.00083 J
1,2,3-Trichlorobenzene	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
1,2,4-Trichlorobenzene	<0.00100	<0.0125	<0.0125	<0.00100	<0.00100
1,1,1-Trichloroethane	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
1,1,2-Trichloroethane	<0.00100	<0.00250	<0.00250	<0.00100	<0.00100
Trichloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichlorofluoromethane	<0.00500	<0.00250	<0.00250	<0.00500	<0.00500
1,2,3-Trichloropropane	<0.00250	<0.0125	<0.0125	<0.00250	<0.00250
1,2,4-Trimethylbenzene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
1,2,3-Trimethylbenzene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
1,3,5-Trimethylbenzene	<0.00100	<0.00500	<0.00500	<0.00100	<0.00100
Vinyl Chloride	<0.00100	**<0.00250**	<0.00250	<0.00100	<0.00100
Xylenes, Total	<0.00300	<0.00650	<0.00650	<0.00300	<0.00300
Dissolved Gases By Method RSK 175					
Methane	**0.187**			**0.0288**	**0.467**
Ethane	**0.0206**			<0.0130	<0.0130
Ethene	0.0114 J			<0.0130	<0.0130
Field Parameters - After Sampling					
Temperature (°C)	25.6			22.9	23.2
Specific Conductivity (mS/cm)	0.31			0.28	0.27
Turbidity (NTU)	>1000			>1000	49.5
Redox (mV)	-26			-58.4	-71.1
Dissolved Oxygen (mg/L)	0.59			9.1	0.32
pH	8.7			7.27	7.63
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)		3	0.7		
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)		0.0068	0.0007		

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
-- = Not analyzed or not applicable.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1144996-07	L1146036-01	L1146036-02	L1146036-03	L1146036-04
SAMPLE ID:	L8-GW-10-12	L7-4	DUP-5	L7-14	L7-28
SAMPLE DEPTH:	10-12 FT				
SAMPLE DATE:	09/26/2019	09/30/2019	09/30/2019	09/30/2019	09/30/2019
ANALYTE	mg/L	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds by Method 8260B					
Acetone	<1.00	<0.0655	0.0422 J	0.331 J	<0.0250
Acrolein	<0.0500				
Acrylonitrile	<0.0100	<0.0328	<0.0275	<0.240	<0.0125
Benzene	<0.00100	0.00118	<0.00220	<0.0192	<0.00100
Bromobenzene	<0.00100	<0.0328	<0.0275	<0.240	<0.0125
Bromodichloromethane	<0.00125	<0.00655	<0.00550	<0.0480	<0.00250
Bromoform	<0.00100	<0.0655	<0.0550	<0.480	<0.0250
Bromomethane	<0.00500	<0.0328	<0.0275	<0.240	<0.0125
N-Butylbenzene	<0.00100	<0.0328	<0.0275	<0.240	<0.0125
Sec-Butylbenzene	<0.00100	<0.0328	<0.0275	<0.240	<0.0125
Tert-Butylbenzene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
Carbon Tetrachloride	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
Chlorobenzene	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
Chlorodibromomethane	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
Chloroethane	<0.00500	<0.0131	<0.0110	<0.0960	<0.00500
Chloroform	<0.00500	0.00144 B J	0.00154 B J	0.0101 B J	<0.00250
Chloromethane	<0.00250	<0.0328	<0.0275	<0.240	<0.0125
2-Chlorotoluene	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
4-Chlorotoluene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
1,2-Dibromo-3-Chloropropane	<0.00500	<0.0655	<0.0550	<0.480	<0.0250
1,2-Dibromoethane	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
Dibromomethane	<0.00100	<0.0131 J4	<0.0110 J4	<0.0960 J4	<0.00500 J4
1,2-Dichlorobenzene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
1,3-Dichlorobenzene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
1,4-Dichlorobenzene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
Dichlorodifluoromethane	<0.00500	<0.00655	<0.00550	<0.0480	<0.00250
1,1-Dichloroethane	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
1,2-Dichloroethane	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
1,1-Dichloroethene	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
Cis-1,2-Dichloroethene	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
Trans-1,2-Dichloroethene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
1,2-Dichloropropane	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
1,1-Dichloropropene	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
1,3-Dichloropropane	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
Cis-1,3-Dichloropropene	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
Trans-1,3-Dichloropropene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
2,2-Dichloropropane	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
Di-Isopropyl Ether	<0.00100 J3	<0.00262 J3	<0.00220	<0.0192	<0.00100
Ethylbenzene	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
Hexachloro-1,3-Butadiene	<0.00100	<0.0655	<0.0550	<0.480	<0.0250
Isopropylbenzene	**<0.00100**	<0.00655	<0.00550	<0.0480	<0.00250
P-Isopropyltoluene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
2-Butanone (Mek)	**<0.0100**	0.0342 J	0.0323 J	<0.480	0.0139 J
Methylene Chloride	<0.00500	<0.0655	<0.0550	<0.480	<0.0250
4-Methyl-2-Pentanone (Mibk)	<0.0100	<0.0655	<0.0550	<0.480	<0.0250
Methyl Tert-Butyl Ether	<0.00100	<0.00262 J4	<0.00220 J4	<0.0192 J4	<0.00100 J4
Naphthalene	<0.00500	<0.0328 J4	<0.0275 J4	<0.240 J4	<0.0125 J4
N-Propylbenzene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
Styrene	<0.00100	<0.0328	<0.0275	<0.240	<0.0125
1,1,1,2-Tetrachloroethane	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
1,1,2,2-Tetrachloroethane	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
1,1,2-Trichlorotrifluoroethane	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
Tetrachloroethene	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
Toluene	**0.0023**	0.00983 J	0.0106 J	0.0398 J	0.00293 J
1,2,3-Trichlorobenzene	<0.00100	<0.00655 J4	<0.00550 J4	<0.0480 J4	<0.00250 J4
1,2,4-Trichlorobenzene	<0.00100	<0.0328	<0.0275	<0.240	<0.0125
1,1,1-Trichloroethane	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
1,1,2-Trichloroethane	<0.00100	<0.00655	<0.00550	<0.0480	<0.00250
Trichloroethene	<0.00100	<0.00262	<0.00220	<0.0192	<0.00100
Trichlorofluoromethane	<0.00500	<0.00655	<0.00550	<0.0480	<0.00250
1,2,3-Trichloropropane	<0.00250	<0.0328	<0.0275	<0.240	<0.0125
1,2,4-Trimethylbenzene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
1,2,3-Trimethylbenzene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
1,3,5-Trimethylbenzene	<0.00100	<0.0131	<0.0110	<0.0960	<0.00500
Vinyl Chloride	<0.00100	**<0.00655**	<0.00550	<0.0480	<0.00250
Xylenes, Total	<0.00300	<0.0170	<0.0143		<0.00650
Dissolved Gases By Method RSK 175					
Methane	**0.0238**				
Ethane	**<0.0130**				
Ethene	<0.0130				
Field Parameters - After Sampling					
Temperature (°C)	23.3				
Specific Conductivity (mS/cm)	0.17				
Turbidity (NTU)	>1000				
Redox (mV)	135.7				
Dissolved Oxygen (mg/L)	0.47				
pH	5.98				
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)		9.6	11.5	2.2	4.1
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)		0.0103	0.014	0.0009	0.0034

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
-- = Not analyzed or not applicable.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1146036-05	L1146036-06	L1146036-07	L1146036-08	L1146036-09
SAMPLE ID:	L7-GW-10-12	DUP-6	L7-GW-24-26	L6-13	DUP-7
SAMPLE DEPTH:	10-12 FT		24-26 FT		
SAMPLE DATE:	09/30/2019	09/30/2019	10/01/2019	10/01/2019	10/01/2019
ANALYTE	mg/L	mg/kg	mg/L	mg/kg	mg/kg
Volatile Organic Compounds by Method 8260B					
Acetone	<1.00	<1.00	<1.00	0.0421 J	0.0154 J
Acrolein	<0.0500	<0.0500	<0.0500		
Acrylonitrile	<0.0100	<0.0100	<0.0100	<0.0173	<0.0125
Benzene	<0.00100	<0.00100	<0.00100	0.000724	<0.00100 J
Bromobenzene	<0.00100	<0.00100	<0.00100	<0.0173	<0.0125
Bromodichloromethane	<0.00125	<0.00125	<0.00125	<0.00345	<0.00250
Bromoform	<0.00100	<0.00100	<0.00100	<0.0345	<0.0250
Bromomethane	<0.00500	<0.00500	<0.00500	<0.0173	<0.0125
N-Butylbenzene	<0.00100	<0.00100	<0.00100	<0.0173	<0.0125
Sec-Butylbenzene	<0.00100	<0.00100	<0.00100	<0.0173	<0.0125
Tert-Butylbenzene	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
Carbon Tetrachloride	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
Chlorobenzene	<0.00100	<0.00100	<0.00100	0.0011 J	<0.00250
Chlorodibromomethane	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
Chloroethane	<0.00500	<0.00500	<0.00500	<0.00690	<0.00500
Chloroform	<0.00500	<0.00500	<0.00500	0.000724 B J	0.000488 B J
Chloromethane	<0.00250	<0.00250	0.000417 J	<0.0173	<0.0125
2-Chlorotoluene	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
4-Chlorotoluene	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
1,2-Dibromo-3-Chloropropane	<0.00500	<0.00500	<0.00500	<0.0345	<0.0250
1,2-Dibromoethane	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
Dibromomethane	<0.00100	<0.00100	<0.00100	<0.00690 J4	<0.00500 J4
1,2-Dichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
1,3-Dichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
1,4-Dichlorobenzene	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
Dichlorodifluoromethane	<0.00500	<0.00500	<0.00500	<0.00345	<0.00250
1,1-Dichloroethane	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
1,2-Dichloroethane	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
1,1-Dichloroethene	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
Cis-1,2-Dichloroethene	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
Trans-1,2-Dichloroethene	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
1,2-Dichloropropane	<0.00100	0.00067 J	<0.00100	<0.00690	<0.00500
1,1-Dichloropropene	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
1,3-Dichloropropane	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
Cis-1,3-Dichloropropene	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
Trans-1,3-Dichloropropene	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
2,2-Dichloropropane	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
Di-Isopropyl Ether	<0.00100	<0.00100	<0.00100	<0.00138	<0.00100
Ethylbenzene	<0.00100	<0.00100	<0.00100	0.00166 J	<0.00250
Hexachloro-1,3-Butadiene	<0.00100	<0.00100	<0.00100	<0.0345	<0.0250
Isopropylbenzene	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
P-Isopropyltoluene	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
2-Butanone (Mek)	<0.0100	<0.0100	<0.0100	0.0371	0.0183 J
Methylene Chloride	<0.00500	<0.00500	<0.00500	<0.0345	<0.0250
4-Methyl-2-Pentanone (Mibk)	<0.0100	<0.0100	<0.0100	<0.0345	<0.0250
Methyl Tert-Butyl Ether	<0.00100	<0.00100	<0.00100	<0.00138 J4	<0.00100 J4
Naphthalene	<0.00500	<0.00500	<0.00500	<0.0173 J4	<0.0125 J4
N-Propylbenzene	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
Styrene	<0.00100	<0.00100	<0.00100	<0.0173	<0.0125
1,1,1,2-Tetrachloroethane	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
1,1,2,2-Tetrachloroethane	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
1,1,2-Trichlorotrifluoroethane	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
Tetrachloroethene	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
Toluene	0.000509 J	<0.00100	0.000594 J	0.0231	0.0113
1,2,3-Trichlorobenzene	<0.00100 J4	<0.00100 J4	<0.00100 J4	<0.00345 J4	<0.00250 J4
1,2,4-Trichlorobenzene	<0.00100 J4	<0.00100 J4	<0.00100 J4	<0.0173	<0.0125
1,1,1-Trichloroethane	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
1,1,2-Trichloroethane	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
Trichloroethene	<0.00100	<0.00100	<0.00100	<0.00138	<0.00100
Trichlorofluoromethane	<0.00500	<0.00500	<0.00500	<0.00345	<0.00250
1,2,3-Trichloropropane	<0.00250	<0.00250	<0.00250	<0.0173	<0.0125
1,2,4-Trimethylbenzene	<0.00100	<0.00100	<0.00100	0.00193 J	<0.00500
1,2,3-Trimethylbenzene	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
1,3,5-Trimethylbenzene	<0.00100	<0.00100	<0.00100	<0.00690	<0.00500
Vinyl Chloride	<0.00100	<0.00100	<0.00100	<0.00345	<0.00250
Xylenes, Total	<0.00300	<0.00300	<0.00300	<0.00897	<0.00650
Dissolved Gases By Method RSK 175					
Methane	**0.366**	**0.385**	**0.0878**		
Ethane	<0.0130	<0.0130	<0.0130		
Ethene	<0.0130	<0.0130	<0.0130		
Field Parameters - After Sampling					
Temperature (°C)	23.9		21.8		
Specific Conductivity (mS/cm)	0.26		0.35		
Turbidity (NTU)	>1000		>1000		
Redox (mV)	-18		-37.1		
Dissolved Oxygen (mg/L)	0.38		0.37		
pH	5.63		5.59		
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)				1.4	0.9
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)				0.0004	0.0005

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
-- = Not analyzed or not applicable.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1146036-10	L1146036-11	L1146036-12	L1146036-13	L1146036-14
SAMPLE ID:	L6-26.5	L6-GW-10-12	L6-GW-24-26	L1-12.5	L1-24
SAMPLE DEPTH:		10-12 FT	24-26		
SAMPLE DATE:	09/24/2019	09/24/2019	09/24/2019	09/25/2019	09/25/2019
ANALYTE	mg/kg	mg/L	mg/L	mg/kg	mg/kg
Volatile Organic Compounds by Method 8260B					
Acetone	0.0239 J	<1.00	<1.00	0.0304	0.0631 J
Acrolein		<0.0500	<0.0500		
Acrylonitrile	<0.0125	<0.0100	<0.0100	<0.0125	<0.0385
Benzene	0.000602 J	<0.00100	<0.00100	0.000462 J	<0.00308
Bromobenzene	<0.0125	<0.00100	<0.00100	<0.0125	<0.0385
Bromodichloromethane	<0.00250	<0.00125	<0.00125	<0.00250	<0.00770
Bromoform	<0.0250	<0.00100	<0.00100	<0.0250	<0.0770
Bromomethane	<0.0125	<0.00500	<0.00500	<0.0125	<0.0385
N-Butylbenzene	<0.0125	<0.00100	<0.00100	<0.0125	<0.0385
Sec-Butylbenzene	<0.0125	<0.00100	<0.00100	<0.0125	<0.0385
Tert-Butylbenzene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
Carbon Tetrachloride	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
Chlorobenzene	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Chlorodibromomethane	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Chloroethane	<0.00500	<0.00500	<0.00500	<0.00500	<0.0154
Chloroform	0.000498 B J	<0.00500	<0.00500	0.000484 B J	0.00193 B J
Chloromethane	<0.0125	0.000398 J	0.000664 J	<0.0125	<0.0385
2-Chlorotoluene	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
4-Chlorotoluene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
1,2-Dibromo-3-Chloropropane	<0.0250	<0.00500	<0.00500	<0.0250	<0.0770
1,2-Dibromoethane	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Dibromomethane	<0.00500 J4	<0.00100	<0.00100	<0.00500 J4	<0.0154 J4
1,2-Dichlorobenzene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
1,3-Dichlorobenzene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
1,4-Dichlorobenzene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
Dichlorodifluoromethane	<0.00250	<0.00500	<0.00500	<0.00250	<0.00770
1,1-Dichloroethane	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
1,2-Dichloroethane	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
1,1-Dichloroethene	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Cis-1,2-Dichloroethene	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Trans-1,2-Dichloroethene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
1,2-Dichloropropane	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
1,1-Dichloropropene	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
1,3-Dichloropropane	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
Cis-1,3-Dichloropropene	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Trans-1,3-Dichloropropene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
2,2-Dichloropropane	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Di-Isopropyl Ether	<0.00100	<0.00100	<0.00100	<0.00100	<0.00308
Ethylbenzene	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Hexachloro-1,3-Butadiene	<0.0250	<0.00100	<0.00100	<0.0250	<0.0770
Isopropylbenzene	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
P-Isopropyltoluene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
2-Butanone (Mek)	0.0129 J	<0.0100	<0.0100	0.0149 J	0.0468 J
Methylene Chloride	<0.0250	<0.00500	<0.00500	<0.0250	<0.0770
4-Methyl-2-Pentanone (Mibk)	<0.0250	<0.0100	<0.0100	<0.0250	<0.0770
Methyl Tert-Butyl Ether	<0.00100 J4	<0.00100	<0.00100	<0.00100 J4	<0.00308 J4
Naphthalene	<0.0125 J4	<0.00500	<0.00500	<0.0125 J4	<0.0385 J4
N-Propylbenzene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
Styrene	<0.0125	<0.00100	<0.00100	<0.0125	<0.0385
1,1,1,2-Tetrachloroethane	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
1,1,2,2-Tetrachloroethane	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
1,1,2-Trichlorotrifluoroethane	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Tetrachloroethene	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Toluene	0.0056	0.0241	<0.00100	0.00515	0.013
1,2,3-Trichlorobenzene	<0.00250 J4	<0.00100 J4	<0.00100 J4	<0.00250 J4	<0.00770 J4
1,2,4-Trichlorobenzene	<0.0125	<0.00100 J4	<0.00100 J4	<0.0125	<0.0385
1,1,1-Trichloroethane	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
1,1,2-Trichloroethane	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Trichloroethene	<0.00100	<0.00100	<0.00100	<0.00100	<0.00308
Trichlorofluoromethane	<0.00250	<0.00500	<0.00500	<0.00250	<0.00770
1,2,3-Trichloropropane	<0.0125	<0.00250	<0.00250	<0.0125	<0.0385
1,2,4-Trimethylbenzene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
1,2,3-Trimethylbenzene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
1,3,5-Trimethylbenzene	<0.00500	<0.00100	<0.00100	<0.00500	<0.0154
Vinyl Chloride	<0.00250	<0.00100	<0.00100	<0.00250	<0.00770
Xylenes, Total	<0.00650	<0.00300	<0.00300	<0.00650	<0.0200
Dissolved Gases By Method RSK 175					
Methane		**0.033**	**0.0485**		
Ethane		<0.0130	<0.0130		
Ethene		<0.0130	<0.0130		
Field Parameters - After Sampling					
Temperature (°C)		22.3	25.1		
Specific Conductivity (mS/cm)		0.26	0.31		
Turbidity (NTU)		>1000	>1000		
Redox (mV)		-57.5	163.6		
Dissolved Oxygen (mg/L)		0.15	0.35		
pH		7.06	7.36		
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)	12.2			1.1	0.7
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)	0.0249			0.0006	0.0042

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
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J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1146036-15	L1146036-16	L1146036-17	L1147409-01	L1147409-02
SAMPLE ID:	DUP-8	L1-38	L1-44.5	L1-GW-10-12	L1-GW-23-25
SAMPLE DEPTH:				10-12 FT	23-25 FT
SAMPLE DATE:	10/01/2019	10/01/2019	10/01/2019	10/02/2019	10/02/2019
ANALYTE	mg/kg	mg/kg	mg/kg	mg/L	mg/L
Volatile Organic Compounds by Method 8260B					
Acetone	0.0302 J	0.0348	0.0383	<1.00	0.0106 J
Acrolein				<0.0500 J4	<0.0500 J4
Acrylonitrile	<0.0151	<0.0125	<0.0140	<0.0100	<0.0100
Benzene	0.000726 J	0.000974 J	0.00319	<0.00100	<0.00100
Bromobenzene	<0.0151	<0.0125	<0.0140	<0.00100	<0.00100
Bromodichloromethane	<0.00303	<0.00250	<0.00280	<0.00125	<0.00125
Bromoform	<0.0303	<0.0250	<0.0280	<0.00100	<0.00100
Bromomethane	<0.0151	<0.0125	<0.0140	<0.00500	<0.00500
N-Butylbenzene	<0.0151	<0.0125	<0.0140	<0.00100	<0.00100
Sec-Butylbenzene	<0.0151	<0.0125	<0.0140	<0.00100	<0.00100
Tert-Butylbenzene	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
Carbon Tetrachloride	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
Chlorobenzene	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
Chlorodibromomethane	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
Chloroethane	<0.00605	<0.00500	<0.00560	<0.00500	<0.00500
Chloroform	0.000756 BJ	<0.00250	0.000784 BJ	<0.00500	<0.00500
Chloromethane	<0.0151	<0.0125	<0.0140	<0.00250	<0.00250
2-Chlorotoluene	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
4-Chlorotoluene	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	<0.0303	<0.0250	<0.0280	<0.00500	<0.00500
1,2-Dibromoethane	<0.00303	<0.00250	<0.00280	<0.00100 J4	<0.00100 J4
Dibromomethane	<0.00605 J4	<0.00500 J4	<0.00560 J4	<0.00100	<0.00100
1,2-Dichlorobenzene	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
1,3-Dichlorobenzene	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
1,4-Dichlorobenzene	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
Dichlorodifluoromethane	<0.00303	<0.00250	<0.00280	<0.00500	<0.00500
1,1-Dichloroethane	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
1,2-Dichloroethane	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
1,1-Dichloroethene	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
Cis-1,2-Dichloroethene	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
Trans-1,2-Dichloroethene	<0.00605	0.00245 J	<0.00560	<0.00100	<0.00100
1,2-Dichloropropane	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
1,1-Dichloropropene	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
1,3-Dichloropropane	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
Cis-1,3-Dichloropropene	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
Trans-1,3-Dichloropropene	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
2,2-Dichloropropane	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
Di-Isopropyl Ether	<0.00121	<0.00100	<0.00112	<0.00100	<0.00100
Ethylbenzene	<0.00303	0.000807 J	0.00272 J	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	<0.0303	<0.0250	<0.0280	<0.00100	<0.00100
Isopropylbenzene	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
P-Isopropyltoluene	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
2-Butanone (Mek)	0.0244 J	0.0192 J	0.0197 J	<0.0100	<0.0100
Methylene Chloride	<0.0303	<0.0250	<0.0280	<0.00500	<0.00500
4-Methyl-2-Pentanone (Mibk)	<0.0303	<0.0250	<0.0280	<0.0100	<0.0100
Methyl Tert-Butyl Ether	<0.00121 J4	<0.00100 J4	0.000728 J J4	<0.00100	<0.00100
Naphthalene	<0.0151 J4	<0.0125 J4	<0.0140 J4	<0.00500	0.00108 J
N-Propylbenzene	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
Styrene	<0.0151	<0.0125	<0.0140	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
1,1,2,2-Tetrachloroethane	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
Tetrachloroethene	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
Toluene	0.0146	0.00917	0.0454	<0.00100	0.0013
1,2,3-Trichlorobenzene	<0.00303 J4	<0.00250 J4	<0.00280 J4	<0.00100	<0.00100
1,2,4-Trichlorobenzene	<0.0151	<0.0125	<0.0140	<0.00100	<0.00100
1,1,1-Trichloroethane	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
1,1,2-Trichloroethane	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
Trichloroethene	<0.00121	<0.00100	<0.00112	<0.00100	<0.00100
Trichlorofluoromethane	<0.00303	<0.00250	<0.00280	<0.00500	<0.00500
1,2,3-Trichloropropane	<0.0151	<0.0125	<0.0140	<0.00250	<0.00250
1,2,4-Trimethylbenzene	<0.00605	<0.00500	0.00224 J	<0.00100	<0.00100
1,2,3-Trimethylbenzene	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
1,3,5-Trimethylbenzene	<0.00605	<0.00500	<0.00560	<0.00100	<0.00100
Vinyl Chloride	<0.00303	<0.00250	<0.00280	<0.00100	<0.00100
Xylenes, Total	<0.00786	<0.00650	0.0102	<0.00300	<0.00300
Dissolved Gases By Method RSK 175					
Methane				**0.169**	**0.206**
Ethane				0.0043 J	0.00641 J
Ethene				<0.0130	<0.0130
Field Parameters - After Sampling					
Temperature (°C)				24.9	26.5
Specific Conductivity (mS/cm)				0.17	0.35
Turbidity (NTU)				>1000	>1000
Redox (mV)				7.8	-60.8
Dissolved Oxygen (mg/L)				1.31	1.63
pH				6.17	6.32
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)	0.5	10.8	0.8		
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)	0.0008	0.0139	0.0014		

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
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J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1147409-03	L1147409-04	L1147409-05	L1147409-06	L1147409-07
SAMPLE ID:	L1-GW-40-42	DUP-9	L2-12	L2-25	DUP-11
SAMPLE DEPTH:	40-42 FT				
SAMPLE DATE:	10/02/2019	10/02/2019	10/02/2019	10/02/2019	10/02/2019
ANALYTE	mg/L	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds by Method 8260B					
Acetone	0.0119 J	<1.00	0.0351	0.0227 J	0.0828
Acrolein	<0.0500	<0.0500			
Acrylonitrile	<0.0100	<0.0100	<0.0129	<0.0149	<0.0338
Benzene	<0.00100	<0.00100	<0.00103	<0.00119	<0.00270
Bromobenzene	<0.00100	<0.00100	<0.0129	<0.0149	<0.0338
Bromodichloromethane	<0.00125	<0.00125	<0.00258	<0.00297	<0.00675
Bromoform	<0.00100	<0.00100	<0.0258	<0.0297	<0.0675
Bromomethane	<0.00500	<0.00500	<0.0129	<0.0149	<0.0338
N-Butylbenzene	<0.00100	<0.00100	<0.0129	<0.0149	<0.0338
Sec-Butylbenzene	<0.00100	<0.00100	<0.0129	<0.0149	<0.0338
Tert-Butylbenzene	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
Carbon Tetrachloride	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
Chlorobenzene	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
Chlorodibromomethane	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
Chloroethane	<0.00500	<0.00500	<0.00515	<0.00595	<0.0135
Chloroform	<0.00500	<0.00500	<0.00258	<0.00297	<0.00675
Chloromethane	<0.00250	0.000835 J	<0.0129	<0.0149	<0.0338
2-Chlorotoluene	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
4-Chlorotoluene	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
1,2-Dibromo-3-Chloropropane	<0.00500	<0.00500	<0.0258	<0.0297	<0.0675
1,2-Dibromoethane	<0.00100 J4	<0.00100 J4	<0.00258	<0.00297	<0.00675
Dibromomethane	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
1,2-Dichlorobenzene	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
1,3-Dichlorobenzene	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
1,4-Dichlorobenzene	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
Dichlorodifluoromethane	<0.00500	<0.00500	<0.00258	<0.00297	<0.00675
1,1-Dichloroethane	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
1,2-Dichloroethane	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
1,1-Dichloroethene	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
Cis-1,2-Dichloroethene	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
Trans-1,2-Dichloroethene	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
1,2-Dichloropropane	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
1,1-Dichloropropene	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
1,3-Dichloropropane	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
Cis-1,3-Dichloropropene	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
Trans-1,3-Dichloropropene	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
2,2-Dichloropropane	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
Di-Isopropyl Ether	<0.00100	<0.00100	<0.00103	<0.00119	<0.00270
Ethylbenzene	<0.00100	<0.00100	0.00245 J	<0.00297	<0.00675
Hexachloro-1,3-Butadiene	<0.00100	<0.00100	<0.0258	<0.0297	<0.0675
Isopropylbenzene	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
P-Isopropyltoluene	<0.00100	<0.00100	<0.00515	<0.00595	<0.0135
2-Butanone (Mek)	<0.0100	<0.0100	0.0231 J J4	0.0261 J J4	<0.0675 J4
Methylene Chloride	<0.00500	<0.00500	0.0155 B J	0.016 B J	0.0385 B J
4-Methyl-2-Pentanone (Mibk)	<0.0100	<0.0100	<0.0258	<0.0297	<0.0675
Methyl Tert-Butyl Ether	<0.00100	<0.00100	<0.00103	<0.00119	<0.00270
Naphthalene	<0.00500	<0.00500	0.00711 J	0.00378	<0.0338
N-Propylbenzene	<0.00100	<0.00100	0.00183	<0.00595	<0.0135
Styrene	<0.00100	<0.00100	<0.0129	<0.0149	<0.0338
1,1,1,2-Tetrachloroethane	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
1,1,2,2-Tetrachloroethane	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
1,1,2-Trichlorotrifluoroethane	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
Tetrachloroethene	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
Toluene	0.000519 J	<0.00100	0.00533	0.00937	0.0119
1,2,3-Trichlorobenzene	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
1,2,4-Trichlorobenzene	<0.00100	<0.00100	<0.0129	<0.0149	<0.0338
1,1,1-Trichloroethane	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
1,1,2-Trichloroethane	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
Trichloroethene	<0.00100	<0.00100	<0.00103	<0.00119	<0.00270
Trichlorofluoromethane	<0.00500	<0.00500	<0.00258	<0.00297	<0.00675
1,2,3-Trichloropropane	<0.00250	<0.00250	<0.0129	<0.0149	<0.0338
1,2,4-Trimethylbenzene	<0.00100	<0.00100	0.0127 B	0.00488 B J	0.00405 B J
1,2,3-Trimethylbenzene	<0.00100	<0.00100	0.00317 J	<0.00595	<0.0135
1,3,5-Trimethylbenzene	<0.00100	<0.00100	0.00278 B J	0.00152 B J	<0.0135
Vinyl Chloride	<0.00100	<0.00100	<0.00258	<0.00297	<0.00675
Xylenes, Total	<0.00300	<0.00300	<0.00670	<0.00774	<0.0176
Dissolved Gases By Method RSK 175					
Methane	**0.277**	**0.233**			
Ethane	0.00918 J	0.00692 J			
Ethene	<0.0130	<0.0130			
Field Parameters - After Sampling					
Temperature (°C)	25.8				
Specific Conductivity (mS/cm)	0.24				
Turbidity (NTU)	>1000				
Redox (mV)	-64.1				
Dissolved Oxygen (mg/L)	0.36				
pH	6.3				
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)			0.5	0.6	1.3
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)			0.0006	0.0009	0.0013

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
-- = Not analyzed or not applicable.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1147409-08	L1147409-09	L1147409-10	L1147409-11	L1147409-12
SAMPLE ID:	L2A-35	L2-GW-10-12	L2-GW-23-25	L5-12.5	L5-25
SAMPLE DEPTH:		10-12 FT	23-25 FT		
SAMPLE DATE:	10/02/2019	10/03/2019	10/03/2019	10/03/2019	10/03/2019
ANALYTE	mg/kg	mg/L	mg/L	mg/kg	mg/kg
Volatile Organic Compounds by Method 8260B					
Acetone	0.0872 J	0.0117 J	<1.00	<0.0250	<0.0250
Acrolein		<0.0500	<0.0500		
Acrylonitrile	<0.0740	<0.0100	<0.0100	<0.0125	<0.0125
Benzene	<0.00592	<0.00100	<0.00100	<0.00100	<0.00100
Bromobenzene	<0.0740	<0.00100	<0.00100	<0.0125	<0.0125
Bromodichloromethane	<0.0148	<0.00125	<0.00125	<0.00250	<0.00250
Bromoform	<0.148	<0.00100	<0.00100	<0.0250	<0.0250
Bromomethane	<0.0740	<0.00500	<0.00500	<0.0125	<0.0125
N-Butylbenzene	<0.0740	<0.00100	<0.00100	<0.0125	<0.0125
Sec-Butylbenzene	<0.0740	<0.00100	<0.00100	<0.0125	<0.0125
Tert-Butylbenzene	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
Carbon Tetrachloride	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
Chlorobenzene	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
Chlorodibromomethane	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
Chloroethane	<0.0296	<0.00500	<0.00500	<0.00500	<0.00500
Chloroform	<0.0148	<0.00500	<0.00500	<0.00250	<0.00250
Chloromethane	<0.0740	<0.00250	<0.00250	<0.0125	<0.0125
2-Chlorotoluene	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
4-Chlorotoluene	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
1,2-Dibromo-3-Chloropropane	<0.148	<0.00500	<0.00500	<0.0250	<0.0250
1,2-Dibromoethane	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
Dibromomethane	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
1,2-Dichlorobenzene	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
1,3-Dichlorobenzene	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
1,4-Dichlorobenzene	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
Dichlorodifluoromethane	<0.0148	<0.00500	<0.00500	<0.00250	<0.00250
1,1-Dichloroethane	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
1,2-Dichloroethane	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
1,1-Dichloroethene	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
Cis-1,2-Dichloroethene	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
Trans-1,2-Dichloroethene	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
1,2-Dichloropropane	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
1,1-Dichloropropene	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
1,3-Dichloropropane	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
Cis-1,3-Dichloropropene	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
Trans-1,3-Dichloropropene	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
2,2-Dichloropropane	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
Di-Isopropyl Ether	<0.00592	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	0.00636 J	<0.00100	<0.00100	<0.00250	<0.00250
Hexachloro-1,3-Butadiene	<0.148	<0.00100	<0.00100	<0.0250	<0.0250
Isopropylbenzene	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
P-Isopropyltoluene	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
2-Butanone (Mek)	<0.148 J4	<0.0100	<0.0100	0.0186 J J4	0.0429 J4
Methylene Chloride	0.0829 B J	<0.00500	<0.00500	0.0113 B J	0.0122 B J
4-Methyl-2-Pentanone (Mibk)	<0.148	<0.0100	<0.0100	<0.0250	<0.0250
Methyl Tert-Butyl Ether	<0.00592	<0.00100	<0.00100	<0.00100	<0.00100
Naphthalene	<0.0740	<0.00500	<0.00500	<0.0125	<0.0125
N-Propylbenzene	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
Styrene	<0.0740	<0.00100	<0.00100	<0.0125	<0.0125
1,1,1,2-Tetrachloroethane	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
1,1,2,2-Tetrachloroethane	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
1,1,2-Trichlorotrifluoroethane	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
Tetrachloroethene	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
Toluene	0.0203 J	<0.00100	0.000541 J	0.00214 J	0.00193 J
1,2,3-Trichlorobenzene	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
1,2,4-Trichlorobenzene	<0.0740	<0.00100	<0.00100	<0.0125	<0.0125
1,1,1-Trichloroethane	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
1,1,2-Trichloroethane	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
Trichloroethene	<0.00592	<0.00100	<0.00100	<0.00100	<0.00100
Trichlorofluoromethane	<0.0148	<0.00500	<0.00500	<0.00250	<0.00250
1,2,3-Trichloropropane	<0.0740	<0.00250	<0.00250	<0.0125	<0.0125
1,2,4-Trimethylbenzene	<0.0296	<0.00100	<0.00100	<0.00500	<0.00500
1,2,3-Trimethylbenzene	0.00829 J	<0.00100	<0.00100	<0.00500	<0.00500
1,3,5-Trimethylbenzene	0.013 B J	<0.00100	<0.00100	<0.00500	<0.00500
Vinyl Chloride	<0.0148	<0.00100	<0.00100	<0.00250	<0.00250
Xylenes, Total	0.0308 J	<0.00300	<0.00300	<0.00650	<0.00650
Dissolved Gases By Method RSK 175					
Methane		**0.266**	**0.301**		
Ethane		0.00534 J	<0.0130		
Ethene		<0.0130	<0.0130		
Field Parameters - After Sampling					
Temperature (°C)		24	23.4		
Specific Conductivity (mS/cm)		0.25	0.22		
Turbidity (NTU)		>1000	>1000		
Redox (mV)		-47.9	-7		
Dissolved Oxygen (mg/L)		0.06	0.3		
pH		6.81	6.22		
Cation Exchange Capacity by Method SW-9081					
Cation Exchange Capacity (meq/100g)	10.4			0.9	1.3
Fractional Organic Carbon by Method D2974					
Fractional Organic Carbon (g C/g soil)	0.0087			0.0007	0.0011

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
-- = Not analyzed or not applicable.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

GSI ENVIRONMENTAL

TABLE 1
SOIL AND GROUNDWATER TESTING RESULTS

NALF Fentress, VA
4500

SAMPLE LOCATION:	L1147409-13	L1147409-14	L1147409-15	L1147409-16
SAMPLE ID:	L5-35	L5-GW-10-12	L5-GW-23-25	DUP-13
SAMPLE DEPTH:		10-12 FT	23-25 FT	
SAMPLE DATE:	10/03/2019	10/03/2019	10/03/2019	10/03/2019
ANALYTE	mg/kg	mg/L	mg/L	mg/kg
Volatile Organic Compounds by Method 8260B				
Acetone	0.0216 J	<1.00	<1.00	0.0112 J
Acrolein		<0.0500	<0.0500	<0.0500
Acrylonitrile	<0.0125	<0.0100	<0.0100	<0.0100
Benzene	<0.00100	<0.00100	<0.00100	<0.00100
Bromobenzene	<0.0125	<0.00100	<0.00100	<0.00100
Bromodichloromethane	<0.00250	<0.00125	<0.00125	<0.00125
Bromoform	<0.0250	<0.00100	<0.00100	<0.00100
Bromomethane	<0.0125	<0.00500	<0.00500	<0.00500
N-Butylbenzene	<0.0125	<0.00100	<0.00100	<0.00100
Sec-Butylbenzene	<0.0125	<0.00100	<0.00100	<0.00100
Tert-Butylbenzene	<0.00500	<0.00100	<0.00100	<0.00100
Carbon Tetrachloride	<0.00500	<0.00100	<0.00100	<0.00100
Chlorobenzene	<0.00250	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	<0.00250	<0.00100	<0.00100	<0.00100
Chloroethane	<0.00500	<0.00500	<0.00500	<0.00500
Chloroform	<0.00250	<0.00500	<0.00500	<0.00500
Chloromethane	<0.0125	<0.00250	<0.00250	<0.00250
2-Chlorotoluene	<0.00250	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	<0.00500	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	<0.0250	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	<0.00250	<0.00100	<0.00100	<0.00100
Dibromomethane	<0.00500	<0.00100	<0.00100	<0.00100
1,2-Dichlorobenzene	<0.00500	<0.00100	<0.00100	<0.00100
1,3-Dichlorobenzene	<0.00500	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	<0.00500	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	<0.00250	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	<0.00250	<0.00100	<0.00100	<0.00100
1,2-Dichloroethane	<0.00250	<0.00100	<0.00100	<0.00100
1,1-Dichloroethene	<0.00250	<0.00100	<0.00100	<0.00100
Cis-1,2-Dichloroethene	<0.00250	<0.00100	<0.00100	<0.00100
Trans-1,2-Dichloroethene	<0.00500	<0.00100	<0.00100	<0.00100
1,2-Dichloropropane	<0.00500	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	<0.00250	<0.00100	<0.00100	<0.00100
1,3-Dichloropropane	<0.00500	<0.00100	<0.00100	<0.00100
Cis-1,3-Dichloropropene	<0.00250	<0.00100	<0.00100	<0.00100
Trans-1,3-Dichloropropene	<0.00500	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	<0.00250	<0.00100	<0.00100	<0.00100
Di-Isopropyl Ether	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	<0.00250	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	<0.0250	<0.00100	<0.00100	<0.00100
Isopropylbenzene	<0.00250	<0.00100	<0.00100	<0.00100
P-Isopropyltoluene	<0.00500	<0.00100	<0.00100	<0.00100
2-Butanone (Mek)	0.0442 J4	<0.0100	<0.0100	<0.0100
Methylene Chloride	0.012 B J	<0.00500	<0.00500	<0.00500
4-Methyl-2-Pentanone (Mibk)	<0.0250	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	<0.00100	<0.00100	<0.00100	<0.00100
Naphthalene	<0.0125	<0.00500	0.00102 J	<0.00500
N-Propylbenzene	<0.00500	<0.00100	<0.00100	<0.00100
Styrene	<0.0125	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	<0.00250	<0.00100	<0.00100	<0.00100
1,1,2,2-Tetrachloroethane	<0.00250	<0.00100	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	<0.00250	<0.00100	<0.00100	<0.00100
Tetrachloroethene	<0.00250	<0.00100	<0.00100	<0.00100
Toluene	<0.00500	0.00594	0.000735 J	0.000478 J
1,2,3-Trichlorobenzene	<0.00250	<0.00100	<0.00100	<0.00100
1,2,4-Trichlorobenzene	<0.0125	<0.00100	<0.00100	<0.00100
1,1,1-Trichloroethane	<0.00250	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	<0.00250	<0.00100	<0.00100	<0.00100
Trichloroethene	<0.00100	<0.00100	<0.00100	<0.00100
Trichlorofluoromethane	<0.00250	<0.00500	<0.00500	<0.00500
1,2,3-Trichloropropane	<0.0125	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	<0.00500	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	<0.00500	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	<0.00500	<0.00100	<0.00100	<0.00100
Vinyl Chloride	<0.00250	<0.00100	<0.00100	<0.00100
Xylenes, Total	<0.00650	<0.00300	<0.00300	<0.00300
Dissolved Gases By Method RSK 175				
Methane		**0.0825**	**0.0403**	**0.0439**
Ethane		0.00648 J	<0.0130	<0.0130
Ethene		<0.0130	<0.0130	<0.0130
Field Parameters - After Sampling				
Temperature (°C)		26.3	25.7	
Specific Conductivity (mS/cm)		0.2	0.28	
Turbidity (NTU)		>1000	>1000	
Redox (mV)		-12.1	-41.9	
Dissolved Oxygen (mg/L)		1.16	0.11	
pH		6.38	6.46	
Cation Exchange Capacity by Method SW-9081				
Cation Exchange Capacity (meq/100g)	15.4			
Fractional Organic Carbon by Method D2974				
Fractional Organic Carbon (g C/g soil)	0.0326			

Notes:
1.Detections are shown in bold.
2.< = Constituent not detected at specified Sample Quantitation Limit.
-- = Not analyzed or not applicable.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy
V3 = The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

E.5 PFAS Results

GSI Job No. G-4500
Issued: 3 June 2021
PRELIMINARY

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA
L1	1	<RL	1.07	0.68	<RL	0.64	1.14
L1	3	0.94	ND	0.95	<RL	0.80	1.20
L1	6.5	<RL	<RL	<RL	<RL	0.65	<RL
L1	12.5	<RL	<RL	ND	ND	<RL	<RL
L1	16	<RL	ND	<RL	<RL	<RL	ND
L1	20	<RL	ND	<RL	ND	<RL	<RL
L1	24	<RL	ND	<RL	ND	1.20	<RL
L1	29.5	<RL	ND	<RL	<RL	1.57	ND
L1	31	<RL	ND	ND	ND	<RL	ND
L1	38	ND	ND	ND	ND	<RL	<RL
L1	41	<RL	ND	ND	ND	<RL	<RL
L1	44.5	<RL	ND	ND	ND	<RL	ND
L2	1	<RL	<RL	3.92	1.65	7.51	2.17
L2	3	<RL	ND	1.02	<RL	5.24	1.06
L2	6	<RL	<RL	0.61	0.27	1.90	0.60
L2	12	<RL	<RL	<RL	<RL	<RL	<RL
L2	16	<RL	<RL	0.50	<RL	1.45	<RL
L2	20	ND	<RL	0.53	<RL	2.13	<RL
L2	25	<RL	<RL	<RL	<RL	0.90	<RL
L2A	31	<RL	ND	<RL	ND	<RL	<RL
L2A	35	<RL	ND	<RL	ND	<RL	<RL
L3	1	1.07	3.11	9.93	3.13	17.74	1.76
L3	3	<RL	2.49	5.00	2.13	12.36	1.12
L3	6	ND	2.31	5.61	1.23	4.99	<RL
L3	12.5	ND	<RL	<RL	ND	<RL	<RL
L3	17	ND	<RL	0.23	<RL	<RL	<RL
L3	20	ND	<RL	0.47	ND	3.78	<RL
L3	26.5	ND	ND	<RL	ND	<RL	<RL
L3	29	ND	ND	0.11	ND	<RL	<RL
L3	31	ND	ND	0.14	ND	<RL	<RL
L3	33.5	ND	ND	ND	ND	<RL	<RL
L3	35	ND	ND	0.14	ND	<RL	<RL
L4	1	<RL	2.82	2.20	1.01	3.21	0.73
L4	12	<RL	<RL	<RL	<RL	0.36	<RL
L4	20	<RL	<RL	0.44	<RL	1.34	<RL
L4	27	<RL	<RL	0.82	<RL	5.43	<RL
L5	1.5	<RL	<RL	<RL	ND	0.43	<RL
L5	12.5	<RL	<RL	<RL	<RL	<RL	<RL
L5	20	<RL	0.68	0.28	<RL	0.59	<RL
L5	25	<RL	<RL	0.30	<RL	0.52	<RL
L5	30	<RL	<RL	<RL	ND	<RL	<RL

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA
L5	31.5	<RL	<RL	0.40	<RL	<RL	<RL
L5	35	<RL	<RL	ND	ND	<RL	<RL
L6	1	2.58	2.57	3.27	0.64	8.36	0.90
L6	3.5	1.08	2.22	2.62	<RL	11.76	<RL
L6	6	ND	<RL	0.47	ND	<RL	<RL
L6	13	ND	ND	0.15	ND	<RL	<RL
L6	18	ND	ND	0.11	ND	<RL	<RL
L6	20	ND	ND	<RL	ND	<RL	<RL
L6	26.5	ND	ND	0.52	0.11	3.24	<RL
L6	27	ND	ND	0.57	ND	3.37	0.77
L7	1.5	<RL	<RL	1.96	0.30	32.12	2.25
L7	4	<RL	0.92	1.42		6.94	0.36
L7	11	<RL	<RL	0.98	<RL	2.29	0.28
L7	14	<RL	2.17	6.73	1.54	28.68	0.51
L7	16	<RL	<RL	<RL	ND	<RL	<RL
L7	20	<RL	0.63	0.24	ND	0.54	0.03
L7	25	<RL	<RL	0.36	<RL	1.00	<RL
L7	28	<RL	0.67	1.27	0.28	9.76	<RL
L7	30	<RL	<RL	0.96	<RL	5.69	<RL
L8	1	<RL	1.29	3.44	0.57	5.16	0.64
L8	3	<RL	<RL	3.28	0.42	3.86	0.35
L8	6.5	<RL	<RL	0.50	<RL	0.67	<RL
L8	12	<RL	<RL	0.47	<RL	0.41	<RL
L8	16	<RL	<RL	<RL	<RL	0.28	<RL
L8	20	<RL	<RL	0.33	<RL	0.44	<RL
L8	25	<RL	<RL	0.35	<RL	0.71	<RL
L8	29	<RL	<RL	0.67	<RL	5.87	<RL
L8	36	<RL	<RL	<RL	<RL	<RL	<RL
L8	39	<RL	<RL	0.27	<RL	0.46	<RL
L9	1.25	<RL	<RL	<RL	<RL	0.72	<RL
L9	12	ND	<RL	0.89	0.18	3.32	<RL
L9	20	ND	<RL	0.60	0.18	1.71	<RL
L9	24	ND	<RL	0.81	0.19	2.53	<RL
L9	31	ND	ND	0.15	ND	<RL	<RL
SS1		<RL	<RL	0.98	1.01	2.05	3.19
SS2		ND	1.66	0.96	0.65	0.91	1.24
SS3		1.49	0.83	0.71	0.32	0.92	0.77
B1	0.5	ND	ND	<RL	ND	<RL	<RL
B1	6.25	ND	ND	ND	ND	<RL	<RL
B1	16.5	ND	ND	ND	ND	ND	<RL
B1	37.5	ND	ND	<RL	ND	<RL	<RL
B2	1.5	<RL	<RL	ND	<RL	<RL	<RL
B2	6	ND	ND	<RL	ND	<RL	<RL
B2	16.5	ND	ND	<RL	ND	<RL	<RL
B2	22	ND	ND	ND	ND	<RL	<RL

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA
SS Blank	9	ND	ND	ND	ND	<RL	<RL
SS Blank	10	ND	ND	<RL	ND	<RL	<RL
DUP2		<RL	ND	0.36	<RL	1.25	0.03
DUP4		<RL	<RL	0.58	<RL	ND	<RL
DUP5		1.56	1.88	2.39	0.44	16.12	0.67
DUP7		<RL	ND	0.25	<RL	0.34	<RL
DUP8		<RL	<RL	0.26	<RL	1.21	0.04
DUP10		<RL	0.90	1.14	0.46	4.80	1.15
DUP11		<RL	<RL	<RL	<RL	0.89	<RL
DUP12		<RL	<RL	<RL	ND	0.56	0.03
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA
L1	1	<RL	0.70	0.08	<RL	ND	<RL
L1	3	<RL	<RL	<RL	ND	ND	ND
L1	6.5	ND	<RL	ND	ND	ND	ND
L1	12.5	ND	ND	ND	ND	<RL	<RL
L1	16	ND	<RL	<RL	ND	ND	<RL
L1	20	ND	<RL	<RL	ND	ND	ND
L1	24	ND	ND	ND	ND	ND	ND
L1	29.5	ND	ND	ND	ND	ND	ND
L1	31	ND	<RL	ND	ND	ND	ND
L1	38	ND	ND	ND	ND	ND	<RL
L1	41	ND	<RL	ND	ND	ND	<RL
L1	44.5	ND	<RL	ND	ND	ND	ND
L2	1	0.42	0.19	<RL	ND	<RL	ND
L2	3	0.62	<RL	ND	ND	ND	ND
L2	6	1.37	ND	ND	<RL	<RL	<RL
L2	12	ND	<RL	ND	<RL	<RL	<RL
L2	16	<RL	<RL	ND	<RL	<RL	<RL
L2	20	<RL	<RL	ND	ND	<RL	<RL
L2	25	ND	<RL	ND	<RL	<RL	<RL
L2A	31	ND	ND	ND	<RL	<RL	<RL
L2A	35	<RL	<RL	ND	ND	<RL	<RL
L3	1	5.41	2.33	ND	0.20	<RL	<RL
L3	3	2.47	0.39	0.54	ND	<RL	<RL
L3	6	0.18	<RL	ND	0.13	<RL	<RL
L3	12.5	<RL	<RL	ND	<RL	<RL	<RL
L3	17	0.06	<RL	<RL	<RL	<RL	<RL
L3	20	<RL	<RL	<RL	0.09	<RL	<RL
L3	26.5	ND	<RL	ND	ND	<RL	<RL
L3	29	<RL	<RL	ND	<RL	<RL	<RL
L3	31	ND	ND	ND	<RL	<RL	<RL
L3	33.5	ND	<RL	ND	ND	<RL	<RL
L3	35	ND	<RL	ND	ND	<RL	<RL
L4	1	<RL	<RL	<RL	<RL	<RL	ND
L4	12	<RL	0.04	<RL	<RL	<RL	<RL
L4	20	<RL	0.06	<RL	<RL	<RL	<RL
L4	27	<RL	0.06	<RL	<RL	<RL	<RL
L5	1.5	ND	<RL	<RL	ND	<RL	ND
L5	12.5	<RL	<RL	<RL	<RL	<RL	<RL
L5	20	<RL	0.06	<RL	<RL	<RL	<RL
L5	25	<RL	0.05	<RL	<RL	<RL	<RL
L5	30	<RL	<RL	<RL	<RL	<RL	RL (SSBlank1

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA
L5	31.5	<RL	<RL	<RL	<RL	<RL	RL (SSBlank1
L5	35	<RL	0.04	<RL	<RL	<RL	RL (SSBlank1
L6	1	0.09	<RL	ND	ND	ND	<RL
L6	3.5	<RL	<RL	ND	ND	ND	<RL
L6	6	<RL	<RL	ND	ND	<RL	0.07
L6	13	<RL	<RL	0.07	<RL	<RL	0.12
L6	18	<RL	<RL	<RL	<RL	<RL	0.07
L6	20	<RL	<RL	ND	ND	<RL	0.07
L6	26.5	ND	ND	ND	ND	<RL	<RL
L6	27	<RL	ND	ND	ND	<RL	<RL
L7	1.5	0.28	<RL	<RL	ND	<RL	<RL
L7	4	0.50	<RL	<RL	<RL	<RL	<RL
L7	11	<RL	ND	<RL	<RL	<RL	ND
L7	14	0.17	<RL	ND	ND	<RL	ND
L7	16	<RL	<RL	ND	ND	<RL	<RL
L7	20	ND	<RL	ND	ND	<RL	<RL
L7	25	<RL	ND	<RL	<RL	<RL	<RL
L7	28	ND	<RL	<RL	ND	<RL	<RL
L7	30	ND	<RL	ND	ND	ND	<RL
L8	1	0.55	0.16	<RL	<RL	<RL	<RL
L8	3	0.30	<RL	ND	<RL	<RL	ND
L8	6.5	<RL	0.06	<RL	<RL	<RL	<RL
L8	12	<RL	0.04	<RL	<RL	<RL	<RL
L8	16	<RL	<RL	<RL	<RL	<RL	0.06
L8	20	<RL	0.05	<RL	<RL	<RL	<RL
L8	25	<RL	0.06	<RL	<RL	<RL	<RL
L8	29	<RL	0.04	<RL	<RL	<RL	<RL
L8	36	<RL	0.04	<RL	<RL	<RL	<RL
L8	39	<RL	0.04	<RL	<RL	<RL	<RL
L9	1.25	<RL	<RL	<RL	<RL	<RL	<RL
L9	12	<RL	<RL	<RL	<RL	<RL	<RL
L9	20	<RL	<RL	<RL	0.09	<RL	<RL
L9	24	<RL	<RL	<RL	<RL	<RL	<RL
L9	31	ND	<RL	<RL	ND	<RL	<RL
SS1		1.46	2.09	0.17	ND	ND	ND
SS2		0.50	1.17	ND	<RL	<RL	0.08
SS3		0.19	0.18	<RL	<RL	<RL	<RL
B1	0.5	ND	<RL	<RL	ND	<RL	<RL
B1	6.25	ND	<RL	ND	ND	<RL	<RL
B1	16.5	ND	<RL	<RL	ND	<RL	<RL
B1	37.5	ND	ND	ND	<RL	<RL	<RL
B2	1.5	<RL	<RL	ND	ND	<RL	ND
B2	6	<RL	ND	ND	<RL	<RL	<RL
B2	16.5	<RL	<RL	ND	ND	<RL	0.07
B2	22	ND	<RL	ND	<RL	<RL	0.06

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFDA	PFUdA	PFDoA	PFTrDA	PFTeDA	PFHxDA
SS Blank	9	<RL	<RL	<RL	<RL	<RL	0.08
SS Blank	10	0.08	<RL	0.07	<RL	<RL	0.11
DUP2		ND	<RL	ND	ND	<RL	<RL
DUP4		ND	ND	ND	ND	ND	ND
DUP5		0.69	<RL	ND	ND	<RL	ND
DUP7		ND	ND	ND	<RL	<RL	<RL
DUP8		<RL	ND	ND	ND	<RL	<RL
DUP10		0.71	0.11	<RL	<RL	<RL	ND
DUP11		ND	ND	ND	ND	ND	<RL
DUP12		ND	ND	ND	<RL	<RL	<RL
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
L1	1	ND	0.07	0.11	1.74	0.10	37.69
L1	3	ND	0.07	<RL	0.91	0.07	18.61
L1	6.5	ND	0.04	<RL	0.95	0.07	8.89
L1	12.5	ND	<RL	ND	0.23	<RL	0.85
L1	16	ND	0.04	<RL	0.63	<RL	1.23
L1	20	ND	0.05	<RL	0.84	<RL	1.88
L1	24	ND	<RL	<RL	0.72	<RL	2.19
L1	29.5	ND	0.14	0.17	2.31	ND	<RL
L1	31	ND	0.05	<RL	0.10	ND	<RL
L1	38	ND	ND	ND	<RL	ND	ND
L1	41	ND	ND	ND	<RL	ND	<RL
L1	44.5	ND	ND	ND	<RL	ND	<RL
L2	1	<RL	0.21	0.77	21.16	1.53	88.21
L2	3	ND	0.23	0.58	10.75	0.62	135.93
L2	6	ND	0.16	0.43	6.51	0.55	166.36
L2	12	ND	<RL	<RL	0.65	<RL	3.11
L2	16	<RL	0.08	0.11	2.11	<RL	4.49
L2	20	<RL	0.10	0.15	2.94	<RL	5.50
L2	25	ND	<RL	<RL	0.63	<RL	2.60
L2A	31	ND	<RL	<RL	0.06	ND	<RL
L2A	35	ND	ND	ND	<RL	ND	<RL
L3	1	0.89	3.42	5.15	71.55	7.13	240.00
L3	3	0.65	3.23	5.33	48.39	3.49	1950.55
L3	6	0.19	0.83	1.57	39.14	2.34	627.70
L3	12.5	ND	<RL	ND	0.30	<RL	1.41
L3	17	ND	<RL	<RL	0.61	<RL	3.97
L3	20	<RL	<RL	0.06	1.14	0.09	6.64
L3	26.5	ND	<RL	<RL	0.19	ND	<RL
L3	29	ND	ND	ND	<RL	ND	<RL
L3	31	ND	<RL	ND	0.18	ND	2.91
L3	33.5	ND	ND	ND	<RL	ND	<RL
L3	35	ND	<RL	ND	<RL	ND	<RL
L4	1	<RL	<RL	<RL	1.54	<RL	12.29
L4	12	ND	<RL	<RL	0.87	<RL	6.52
L4	20	ND	<RL	<RL	1.53	<RL	7.03
L4	27	0.03	<RL	0.14	2.54	<RL	<RL
L5	1.5	ND	<RL	<RL	1.34	ND	<RL
L5	12.5	ND	ND	ND	<RL	ND	0.64
L5	20	ND	<RL	<RL	1.22	<RL	13.69
L5	25	ND	<RL	<RL	0.72	<RL	5.07
L5	30	ND	ND	ND	<RL	ND	<RL

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
L5	31.5	ND	ND	ND	0.21	ND	0.64
L5	35	ND	ND	ND	<RL	ND	<RL
L6	1	0.17	0.14	0.08	3.29	0.30	32.05
L6	3.5	ND	0.05		1.64	0.15	8.75
L6	6	ND	<RL	<RL	0.42	<RL	0.92
L6	13	ND	<RL	<RL	0.45	ND	0.89
L6	18	ND	ND	ND	0.13	ND	<RL
L6	20	ND	ND	ND	0.22	<RL	1.98
L6	26.5	<RL	0.11	0.14	1.40	<RL	<RL
L6	27	ND	0.13	0.16	1.02	ND	<RL
L7	1.5	0.26	0.62	0.74	28.26	5.30	624.99
L7	4	0.05	0.23	0.34	6.58	0.31	68.69
L7	11	0.07	0.22	0.31	4.61	0.18	18.57
L7	14	0.34	1.48	2.43	28.33	1.12	75.17
L7	16	ND	<RL	<RL	0.41	ND	1.53
L7	20	ND	<RL	<RL	0.76	<RL	2.15
L7	25	ND	<RL	<RL	2.03	<RL	5.18
L7	28	0.08	0.30	0.45	4.17	0.17	2.55
L7	30	0.07	0.28	0.32	1.51	ND	<RL
L8	1	0.07	0.21	0.31	8.76	0.33	41.27
L8	3	ND	0.13	0.18	5.45	0.13	15.63
L8	6.5	ND	<RL	<RL	1.98	<RL	13.31
L8	12	ND	<RL	ND	0.53	ND	0.59
L8	16	ND	ND	<RL	0.25	ND	1.31
L8	20	ND	<RL	<RL	0.74	<RL	2.67
L8	25	ND	<RL	<RL	0.51	ND	5.16
L8	29	0.04	0.13	0.15	1.44	<RL	1.60
L8	36	ND	ND	ND	<RL	ND	<RL
L8	39	ND	ND	ND	0.11	ND	<RL
L9	1.25	ND		<RL	0.22	<RL	<RL
L9	12	0.08	0.30	0.38	4.82	0.39	7.05
L9	20	0.07	0.21	0.32	3.42	0.18	6.87
L9	24	0.07	0.30	0.43	4.51	0.25	8.02
L9	31	ND	<RL	<RL	0.47	<RL	0.65
SS1		ND	0.08	0.13	2.87	0.20	52.75
SS2		<RL	<RL	0.10	1.54	0.12	29.39
SS3		ND	0.09	0.11	1.68	0.10	18.36
B1	0.5	ND	ND	ND	<RL	<RL	<RL
B1	6.25	ND	ND	ND	<RL	ND	<RL
B1	16.5	ND	ND	ND	<RL	ND	<RL
B1	37.5	ND	ND	ND	<RL	ND	<RL
B2	1.5	ND	<RL	ND	<RL	ND	<RL
B2	6	ND	<RL	ND	<RL	ND	<RL
B2	16.5	ND	ND	ND	<RL	ND	ND
B2	22	ND	ND	ND	ND	ND	<RL

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFPrS	PFBS	PFPeS	PFHxS	PFHpS	PFOS
SS Blank	9	ND	ND	ND	ND	ND	<RL
SS Blank	10	ND	ND	ND	<RL	ND	<RL
DUP2		ND	<RL	<RL	1.48	<RL	7.40
DUP4		ND	<RL	0.13	1.23	<RL	1.16
DUP5		ND	0.32	0.51	9.69	0.56	108.48
DUP7		ND	<RL	<RL	0.72	<RL	1.31
DUP8		ND	<RL	ND	0.69	<RL	1.67
DUP10		0.06	0.28	0.74	10.75	0.66	>LOQ
DUP11		ND	<RL	ND	0.73	ND	2.82
DUP12		ND	<RL	<RL	0.82	<RL	4.07
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFNS	PFDS	PFDoS	6:2 FTUA	8:2 FTUA	10:2 FTUA
L1	1	0.33	0.30	0.65	ND	ND	ND
L1	3	0.12	<RL	<RL	ND	ND	ND
L1	6.5	<RL	<RL	ND	ND	ND	ND
L1	12.5	ND	ND	ND	ND	ND	ND
L1	16	ND	ND	ND	ND	ND	ND
L1	20	ND	ND	ND	ND	ND	ND
L1	24	ND	ND	ND	ND	ND	ND
L1	29.5	ND	ND	ND	ND	ND	ND
L1	31	ND	ND	ND	ND	ND	ND
L1	38	ND	ND	ND	ND	ND	ND
L1	41	ND	ND	ND	ND	ND	ND
L1	44.5	ND	ND	ND	ND	ND	ND
L2	1	0.40	0.42	0.31	ND	ND	ND
L2	3	1.00	0.12	ND	ND	ND	ND
L2	6	1.92	<RL	ND	ND	ND	ND
L2	12	<RL	ND	ND	ND	ND	ND
L2	16	<RL	<RL	ND	ND	ND	ND
L2	20	<RL	<RL	ND	ND	ND	ND
L2	25	ND	ND	ND	ND	ND	ND
L2A	31	ND	ND	ND	ND	ND	ND
L2A	35	ND	ND	ND	ND	ND	ND
L3	1	104.61	90.65	79.35	ND	0.24	ND
L3	3	34.20	25.62	21.22	ND	ND	ND
L3	6	3.58	8.86	6.57	ND	ND	ND
L3	12.5	0.07	0.06	ND	ND	ND	ND
L3	17	<RL	ND	ND	ND	ND	ND
L3	20	ND	ND	ND	ND	ND	ND
L3	26.5	ND	ND	ND	ND	ND	ND
L3	29	ND	ND	ND	ND	ND	ND
L3	31	ND	ND	ND	ND	ND	ND
L3	33.5	ND	ND	ND	ND	ND	ND
L3	35	ND	ND	ND	ND	ND	ND
L4	1	<RL	ND	ND	ND	ND	ND
L4	12	<RL	ND	ND	ND	ND	ND
L4	20	<RL	ND	ND	ND	ND	ND
L4	27	ND	ND	ND	ND	ND	ND
L5	1.5	ND	ND	ND	ND	ND	ND
L5	12.5	ND	ND	ND	ND	ND	ND
L5	20	<RL	ND	ND	ND	ND	ND
L5	25	ND	ND	ND	ND	ND	ND
L5	30	ND	ND	ND	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFNS	PFDS	PFDoS	6:2 FTUA	8:2 FTUA	10:2 FTUA
L5	31.5	ND	ND	ND	ND	ND	ND
L5	35	ND	ND	ND	ND	ND	ND
L6	1	ND	ND	ND	ND	ND	ND
L6	3.5	<RL	ND	ND	ND	ND	ND
L6	6	ND	ND	ND	ND	ND	ND
L6	13	ND	ND	ND	ND	ND	ND
L6	18	ND	ND	ND	ND	ND	ND
L6	20	ND	ND	ND	ND	ND	ND
L6	26.5	ND	ND	ND	ND	ND	ND
L6	27	ND	ND	ND	ND	ND	ND
L7	1.5	0.47	0.07	<RL	ND	ND	ND
L7	4	0.63	0.16	<RL	ND	ND	ND
L7	11	<RL	ND	ND	ND	ND	ND
L7	14	0.17	ND	ND	ND	ND	ND
L7	16	ND	ND	ND	ND	ND	ND
L7	20	ND	ND	ND	ND	ND	ND
L7	25	<RL	ND	ND	ND	ND	ND
L7	28	ND	ND	ND	ND	ND	ND
L7	30	ND	ND	ND	ND	ND	ND
L8	1	0.66	0.58	0.22	ND	ND	ND
L8	3	0.18	<RL	<RL	ND	ND	ND
L8	6.5	<RL	ND	ND	ND	ND	ND
L8	12	ND	ND	ND	ND	ND	ND
L8	16	ND	ND	ND	ND	ND	ND
L8	20	ND	ND	ND	ND	ND	ND
L8	25	<RL	ND	ND	ND	ND	ND
L8	29	ND	ND	ND	ND	ND	ND
L8	36	ND	ND	ND	ND	ND	ND
L8	39	ND	ND	ND	ND	ND	ND
L9	1.25	ND	ND	ND	ND	ND	ND
L9	12	ND	ND	ND	ND	ND	ND
L9	20	ND	ND	ND	ND	ND	ND
L9	24	ND	ND	ND	ND	ND	ND
L9	31	ND	ND	ND	ND	ND	ND
SS1		0.61	0.95	0.46	ND	ND	ND
SS2		0.41	1.02	0.75	ND	ND	ND
SS3		0.09	0.31	<RL	ND	ND	ND
B1	0.5	ND	ND	ND	ND	ND	ND
B1	6.25	ND	ND	ND	ND	ND	ND
B1	16.5	ND	ND	ND	ND	ND	ND
B1	37.5	ND	ND	ND	ND	ND	ND
B2	1.5	ND	ND	ND	ND	ND	ND
B2	6	ND	ND	ND	ND	ND	ND
B2	16.5	ND	ND	ND	ND	ND	ND
B2	22	ND	ND	ND	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFNS	PFDS	PFDoS	6:2 FTUA	8:2 FTUA	10:2 FTUA
SS Blank	9	ND	ND	ND	ND	ND	ND
SS Blank	10	ND	ND	ND	ND	ND	ND
DUP2		<RL	<RL	ND	ND	ND	ND
DUP4		ND	ND	ND	ND	ND	ND
DUP5		0.89	0.28	<RL	ND	ND	ND
DUP7		ND	ND	ND	ND	ND	ND
DUP8		ND	ND	ND	ND	ND	ND
DUP10		1.04	0.30	0.13	ND	ND	ND
DUP11		ND	ND	ND	ND	ND	ND
DUP12		ND	ND	ND	ND	ND	ND
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	4:2 FTS	6:2 FTS	8:2 FTS	10:2 FTS	6:2 FTA	8:2 FTA
L1	1	ND	<RL	0.91	0.13		
L1	3	ND	<RL	0.26	<RL		
L1	6.5	ND	<RL	0.43	0.08		
L1	12.5	ND	ND	<RL	ND		
L1	16	ND	ND	ND	ND		
L1	20	ND	ND	<RL	<RL		
L1	24	ND	ND	<RL	ND		
L1	29.5	ND	ND	ND	ND		
L1	31	ND	ND	ND	ND		
L1	38	ND	ND	ND	ND		
L1	41	ND	ND	<RL	ND		
L1	44.5	ND	ND	<RL	ND		
L2	1	ND	ND	<RL	ND		
L2	3	ND	<RL	0.53	ND		
L2	6	ND	<RL	11.25	ND		
L2	12	ND	<RL	0.46	ND		
L2	16	ND	<RL	<RL	ND		
L2	20	ND	ND	<RL	ND		
L2	25	ND	ND	<RL	ND		
L2A	31	ND	ND	<RL	ND		
L2A	35	ND	ND	<RL	ND		
L3	1	<RL	26.95	190.15	ND		
L3	3	ND	4.61	134.03	1.42		
L3	6	ND	<RL	16.52	0.68		
L3	12.5	ND	<RL	0.13	ND		
L3	17	ND	<RL	0.20	ND		
L3	20	ND	ND	ND	ND		
L3	26.5	ND	ND	ND	ND		
L3	29	ND	ND	ND	ND		
L3	31	ND	ND	0.26	ND		
L3	33.5	ND	ND	ND	ND		
L3	35	ND	ND	ND	ND		
L4	1	ND	ND	0.31	ND	ND	ND
L4	12	ND	ND	<RL	ND	ND	ND
L4	20	ND	ND	ND	ND	ND	ND
L4	27	ND	ND	<RL	ND	ND	ND
L5	1.5	ND	ND	<RL	ND		
L5	12.5	ND	ND	<RL	ND	ND	ND
L5	20	ND	ND	0.49	ND	ND	ND
L5	25	ND	ND	0.08	ND	ND	ND
L5	30	ND	ND	<RL	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	4:2 FTS	6:2 FTS	8:2 FTS	10:2 FTS	6:2 FTA	8:2 FTA
L5	31.5	ND	ND	0.07	ND	ND	ND
L5	35	ND	ND	ND	ND	ND	ND
L6	1	ND	ND	ND	ND		
L6	3.5	ND	ND	<RL	ND		
L6	6	ND	ND	ND	ND		
L6	13	ND	ND	ND	ND		
L6	18	ND	ND	ND	ND		
L6	20	ND	ND	ND	ND		
L6	26.5	ND	ND	ND	ND		
L6	27	ND	ND	ND	ND		
L7	1.5	ND	ND	<RL	ND		
L7	4	ND	<RL	0.11	ND	ND	ND
L7	11	ND	<RL	0.31	ND	ND	ND
L7	14	ND	3.15	1.68	ND	ND	ND
L7	16	ND	ND	ND	ND	ND	ND
L7	20	ND	ND	<RL	ND	ND	ND
L7	25	ND	ND	ND	ND	ND	ND
L7	28	ND	ND	<RL	ND	ND	ND
L7	30	ND	ND	ND	ND	ND	ND
L8	1	ND	ND	ND	ND	ND	ND
L8	3	ND	ND	<RL	ND		
L8	6.5	ND	ND	<RL	ND	ND	ND
L8	12	ND	ND	ND	ND	ND	ND
L8	16	ND	ND	ND	ND	ND	ND
L8	20	ND	ND	<RL	ND	ND	ND
L8	25	ND	ND	ND	ND	ND	ND
L8	29	ND	ND	ND	ND	ND	ND
L8	36	ND	ND	ND	ND	ND	ND
L8	39	ND	ND	ND	ND	ND	ND
L9	1.25	ND	ND	<RL	ND		
L9	12	ND	<RL	ND	ND		
L9	20	ND	<RL	0.20	ND		
L9	24	ND	<RL	0.35	ND		
L9	31	ND	ND	ND	ND		
SS1		ND	<RL	1.13	<RL		
SS2		ND	<RL	0.30	ND		
SS3		ND	ND	ND	ND		
B1	0.5	ND	ND	ND	ND		
B1	6.25	ND	ND	ND	ND		
B1	16.5	ND	ND	ND	ND		
B1	37.5	ND	ND	ND	ND		
B2	1.5	ND	ND	<RL	ND		
B2	6	ND	ND	ND	ND		
B2	16.5	ND	ND	ND	ND		
B2	22	ND	ND	ND	ND		

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	4:2 FTS	6:2 FTS	8:2 FTS	10:2 FTS	6:2 FTA	8:2 FTA
SS Blank	9	ND	ND	ND	ND		
SS Blank	10	ND	ND	ND	ND		
DUP2		ND	ND	<RL	ND	ND	ND
DUP4		ND	ND	ND	ND	ND	ND
DUP5		ND	ND	<RL	ND	ND	ND
DUP7		ND	ND	<RL	ND	ND	ND
DUP8		ND	ND	ND	ND	ND	ND
DUP10		ND	<RL	0.31	ND	ND	ND
DUP11		ND	ND	<RL	ND	ND	ND
DUP12		ND	ND	<RL	ND	ND	ND
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	10:2 FTA	8-ClPFOS	8-ClPFNS	11-ClPFUnS	FOSA	Me-FOSA
L1	1		<RL	ND	ND	0.17	ND
L1	3		<RL	ND	ND	<RL	ND
L1	6.5		ND	ND	ND	<RL	ND
L1	12.5		ND	ND	ND	0.07	ND
L1	16		ND	ND	ND	2.38	ND
L1	20		ND	ND	ND	3.77	ND
L1	24		ND	ND	ND	2.81	ND
L1	29.5		ND	ND	ND	ND	ND
L1	31		ND	ND	ND	ND	ND
L1	38		ND	ND	ND	ND	ND
L1	41		ND	ND	ND	ND	ND
L1	44.5		ND	ND	ND	<RL	ND
L2	1		<RL	ND	ND	<RL	ND
L2	3		0.35	ND	ND	0.12	ND
L2	6		0.08	ND	ND	0.29	ND
L2	12		ND	ND	ND	0.32	ND
L2	16		ND	ND	ND	3.88	<RL
L2	20		ND	ND	ND	3.06	ND
L2	25		ND	ND	ND	0.37	ND
L2A	31		ND	ND	ND	<RL	ND
L2A	35		ND	ND	ND	<RL	ND
L3	1		4.85	ND	ND	1093.96	19.34
L3	3		3.89	ND	ND	1065.31	9.94
L3	6		0.30	ND	ND	178.42	3.14
L3	12.5		ND	ND	ND	<RL	ND
L3	17		ND	ND	ND	0.74	ND
L3	20		ND	ND	ND	0.42	ND
L3	26.5		ND	ND	ND	<RL	ND
L3	29		ND	ND	ND	<RL	ND
L3	31		ND	ND	ND	0.95	ND
L3	33.5		ND	ND	ND	<RL	ND
L3	35		ND	ND	ND	<RL	<RL
L4	1	ND	ND	ND	ND	<RL	ND
L4	12	ND	ND	ND	ND	0.54	ND
L4	20	ND	ND	ND	ND	2.19	ND
L4	27	ND	ND	ND	ND	<RL	ND
L5	1.5		ND	ND	ND	<RL	ND
L5	12.5	ND	ND	ND	ND	ND	ND
L5	20	ND	ND	ND	ND	ND	ND
L5	25	ND	ND	ND	ND	<RL	ND
L5	30	ND	ND	ND	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	10:2 FTA	8-ClPFOS	8-ClPFNS	11-ClPFUnS	FOSA	Me-FOSA
L5	31.5	ND	ND	ND	ND	ND	ND
L5	35	ND	ND	ND	ND	<RL	ND
L6	1		ND	ND	ND	<RL	ND
L6	3.5		ND	ND	ND	ND	ND
L6	6		ND	ND	ND	ND	ND
L6	13		ND	ND	ND	<RL	ND
L6	18		ND	ND	ND	<RL	ND
L6	20		ND	ND	ND	ND	ND
L6	26.5		ND	ND	ND	ND	ND
L6	27		ND	ND	ND	ND	ND
L7	1.5		0.54	ND	ND	0.39	ND
L7	4	ND	0.10	ND	ND	2.67	<RL
L7	11	ND	ND	ND	ND	2.54	ND
L7	14	ND	<RL	ND	ND	3.35	ND
L7	16	ND	ND	ND	ND	0.45	ND
L7	20	ND	ND	ND	ND	<RL	<RL
L7	25	ND	ND	ND	ND	<RL	ND
L7	28	ND	ND	ND	ND	<RL	ND
L7	30	ND	ND	ND	ND	ND	ND
L8	1	ND	<RL	ND	ND	0.34	ND
L8	3		ND	ND	ND	0.12	ND
L8	6.5	ND	ND	ND	ND	ND	ND
L8	12	ND	ND	ND	ND	ND	ND
L8	16	ND	ND	ND	ND	<RL	ND
L8	20	ND	ND	ND	ND	ND	ND
L8	25	ND	ND	ND	ND	<RL	ND
L8	29	ND	ND	ND	ND	<RL	ND
L8	36	ND	ND	ND	ND	ND	ND
L8	39	ND	ND	ND	ND	<RL	ND
L9	1.25		ND	ND	ND	<RL	<RL
L9	12		ND	ND	ND	<RL	ND
L9	20		ND	ND	ND	<RL	ND
L9	24		ND	ND	ND	<RL	ND
L9	31		ND	ND	ND	<RL	ND
SS1			0.11	ND	ND	<RL	ND
SS2			<RL	ND	ND	<RL	ND
SS3			<RL	ND	ND	<RL	ND
B1	0.5		ND	ND	ND	<RL	ND
B1	6.25		ND	ND	ND	<RL	ND
B1	16.5		ND	ND	ND	<RL	ND
B1	37.5		ND	ND	ND	ND	ND
B2	1.5		ND	ND	ND	<RL	ND
B2	6		ND	ND	ND	<RL	ND
B2	16.5		ND	ND	ND	ND	ND
B2	22		ND	ND	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	10:2 FTA	8-ClPFOS	8-ClPFNS	11-ClPFUnS	FOSA	Me-FOSA
SS Blank	9		ND	ND	ND	ND	ND
SS Blank	10		ND	ND	ND	ND	ND
DUP2		ND	ND	ND	ND	2.12	ND
DUP4		ND	ND	ND	ND	<RL	ND
DUP5		ND	0.14	ND	ND	3.74	<RL
DUP7		ND	ND	ND	ND	<RL	ND
DUP8		ND	ND	ND	ND	0.70	ND
DUP10		ND	0.27	ND	ND	0.20	ND
DUP11		ND	ND	ND	ND	0.36	ND
DUP12		ND	ND	ND	ND	ND	ND
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	Et-FOSA	FOSAA	MeFOSAA	EtFOSAA	1OH-11:2 FTS	4:2 UFTCA
L1	1	ND	ND	ND	ND		
L1	3	<RL	ND	ND	ND		
L1	6.5	ND	ND	ND	ND		
L1	12.5	ND	ND	ND	ND		
L1	16	ND	ND	ND	ND		
L1	20	ND	ND	ND	ND		
L1	24	ND	ND	ND	ND		
L1	29.5	ND	ND	ND	ND		
L1	31	ND	ND	ND	ND		
L1	38	ND	ND	ND	ND		
L1	41	ND	ND	ND	ND		
L1	44.5	ND	ND	ND	ND		
L2	1	ND	ND	ND	ND		
L2	3	ND	ND	ND	ND		
L2	6	ND	ND	ND	ND		
L2	12	ND	ND	ND	ND		
L2	16	ND	ND	ND	ND		
L2	20	ND	ND	<RL	ND		
L2	25	ND	<RL	<RL	ND		
L2A	31	ND	ND	ND	ND		
L2A	35	ND	ND	ND	ND		
L3	1	2.14	9.53	12.00	111.32		
L3	3	0.63	3.93	12.00	32.60		
L3	6	4.86	<RL	6.88	2.55		
L3	12.5	ND	ND	ND	ND		
L3	17	ND	ND	0.13	ND		
L3	20	ND	ND	ND	ND		
L3	26.5	ND	ND	ND	ND		
L3	29	ND	ND	ND	ND		
L3	31	ND	ND	<RL	ND		
L3	33.5	ND	ND	ND	ND		
L3	35	ND	ND	ND	ND		
L4	1	ND	ND	ND	ND		
L4	12	ND	ND	ND	ND		<SSBlank
L4	20	ND	ND	<RL	ND		ND
L4	27	ND	ND	ND	ND		ND
L5	1.5	ND	ND	ND	ND		
L5	12.5	ND	ND	ND	ND		0.72299795
L5	20	ND	ND	ND	ND		ND
L5	25	ND	ND	ND	ND		ND
L5	30	ND	ND	ND	ND		0.60903819

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	Et-FOSA	FOSAA	MeFOSAA	EtFOSAA	1OH-11:2 FTS	4:2 UFTCA
L5	31.5	ND	ND	ND	ND		ND
L5	35	ND	ND	ND	ND		ND
L6	1	ND	ND	ND	ND	ND	
L6	3.5	ND	ND	ND	ND		
L6	6	ND	ND	ND	ND	ND	
L6	13	ND	ND	ND	ND	ND	
L6	18	ND	ND	ND	ND	ND	
L6	20	ND	ND	ND	ND	ND	
L6	26.5	ND	ND	ND	ND	ND	
L6	27	ND	ND	ND	ND	ND	
L7	1.5	ND	ND	ND	ND		
L7	4	ND	ND	ND	ND		ND
L7	11	ND	ND	ND	ND		0.69
L7	14	ND	ND	ND	ND		ND
L7	16	ND	ND	ND	ND		ND
L7	20	ND	ND	ND	ND		ND
L7	25	ND	ND	ND	ND		ND
L7	28	ND	ND	ND	ND		ND
L7	30	ND	ND	ND	ND		ND
L8	1	ND	ND	ND	ND		<SSBlank
L8	3	ND	ND	ND	ND		
L8	6.5	ND	ND	ND	ND		ND
L8	12	ND	ND	ND	ND		<SSBlank
L8	16	ND	ND	ND	ND		ND
L8	20	ND	ND	ND	ND		<SSBlank
L8	25	ND	ND	ND	ND		ND
L8	29	ND	ND	ND	ND		<SSBlank
L8	36	ND	ND	ND	ND		<SSBlank
L8	39	ND	ND	ND	ND		<SSBlank
L9	1.25	ND	<RL	ND	ND		
L9	12	ND	ND	ND	ND		
L9	20	ND	ND	ND	ND		
L9	24	ND	ND	ND	ND		
L9	31	ND	ND	ND	ND		
SS1		ND	ND	ND	ND		
SS2		ND	ND	ND	ND	ND	
SS3		ND	ND	ND	ND	ND	
B1	0.5	<RL	ND	ND	ND		
B1	6.25	ND	ND	ND	ND	<LOSQ	
B1	16.5	ND	ND	ND	ND		
B1	37.5	ND	ND	ND	ND	ND	
B2	1.5	ND	ND	ND	ND		
B2	6	ND	ND	ND	ND	ND	
B2	16.5	ND	ND	ND	ND	ND	
B2	22	ND	ND	ND	ND	ND	

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	Et-FOSA	FOSAA	MeFOSAA	EtFOSAA	1OH-11:2 FTS	4:2 UFTCA
SS Blank	9	ND	ND	ND	ND	ND	
SS Blank	10	ND	ND	ND	ND	ND	
DUP2		ND	ND	0.07	ND		ND
DUP4		ND	ND	ND	ND		ND
DUP5		ND	ND	ND	ND		ND
DUP7		ND	ND	ND	ND		ND
DUP8		ND	ND	ND	ND		ND
DUP10		ND	ND	ND	ND		ND
DUP11		ND	ND	ND	ND		ND
DUP12		ND	ND	ND	ND		ND
SS							ND
SSBlank1							ND
SSBlank2							ND
SSBlank3							0.74
SSBlank4							0.51
SSBlank5							ND
SSBlank6							0.32
SSBlank7							ND
SSBlank8							0.71

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	8:2 FTSO2PrAd-DiMeEtS	10:2 FTSO2PrAd-DiMeEtS	6:2 FTSO2PrAd-DiMeEtS	8:2 FTSO-PrAd-DiMePrS	10:2 FTSi	8:2 FTTh-PrAd-DiMeEtS
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1	ND	ND	ND	ND		
L2	3						
L2	6	ND	ND	ND	ND		
L2	12	ND	ND	0.97258838	4.42346		
L2	16	ND	ND	ND	ND		
L2	20	ND	ND	ND	ND		
L2	25	<LOSQ	ND	ND	ND		
L2A	31	ND	ND	ND	ND		
L2A	35	ND	ND	ND	ND		
L3	1	8.54092419	9.58632285			1.63426165	0.81911004
L3	3	7.88	2.69141831	ND	ND		
L3	6	ND	ND			ND	ND
L3	12.5	ND	ND			ND	ND
L3	17	ND	ND			ND	ND
L3	20	ND	ND			ND	ND
L3	26.5	ND	ND			ND	ND
L3	29	ND	ND			ND	ND
L3	31	ND	ND			ND	ND
L3	33.5	ND	ND			ND	ND
L3	35	ND	ND			ND	ND
L4	1	ND	ND	0.57378992	ND		
L4	12	ND					
L4	20	ND					
L4	27	ND					
L5	1.5	ND	ND	ND	ND		
L5	12.5	ND					
L5	20	ND					
L5	25	ND					
L5	30	ND					

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	8:2 FTSO2PrAd-DiMeEtS	10:2 FTSO2PrAd-DiMeEtS	6:2 FTSO2PrAd-DiMeEtS	8:2 FTSO-PrAd-DiMePrS	10:2 FTSi	8:2 FTTh-PrAd-DiMeEtS
L5	31.5	ND					
L5	35	ND					
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5	ND	ND	ND	ND		
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1	ND					
L8	3	ND	ND	ND	ND		
L8	6.5	ND					
L8	12	ND					
L8	16	ND					
L8	20	ND					
L8	25	ND					
L8	29	ND					
L8	36	ND					
L8	39	ND					
L9	1.25	ND	ND	ND	ND		
L9	12	ND	ND			ND	ND
L9	20	ND	ND			ND	ND
L9	24	ND	ND			ND	ND
L9	31	ND	ND			ND	ND
SS1		ND	ND	ND	ND		
SS2							
SS3							
B1	0.5	ND	ND			ND	ND
B1	6.25						
B1	16.5	ND	ND			ND	ND
B1	37.5						
B2	1.5	ND	ND	ND	ND		
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	8:2 FTSO2PrAd-DiMeEtS	10:2 FTSO2PrAd-DiMeEtS	6:2 FTSO2PrAd-DiMeEtS	8:2 FTSO-PrAd-DiMePrS	10:2 FTSi	8:2 FTTh-PrAd-DiMeEtS
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	FHxSA	MeFDSAA	MeFHxSA	diOHPrAm-MeOHPr-FHxSA	SPr-FHxSA	FPeSA
L1	1	0.11120957	ND				ND
L1	3	<LOSQ	6.25252756				ND
L1	6.5	0.14456703	ND				ND
L1	12.5	ND	ND				ND
L1	16	ND	ND				ND
L1	20	0.22731111	ND				ND
L1	24	0.21046634	ND				ND
L1	29.5	ND	ND				ND
L1	31	ND	ND				ND
L1	38	ND	ND				ND
L1	41	ND	ND				ND
L1	44.5	ND	ND				ND
L2	1	0.0916818		ND	ND	ND	ND
L2	3	1.83839594	ND				0.12
L2	6	4.35497452		0.22861427	ND	ND	0.169901
L2	12	0.08958098		ND	ND	ND	ND
L2	16	0.27916907		ND	ND	ND	ND
L2	20	0.41966429		ND	ND	ND	<LOSQ
L2	25	ND		ND	ND	ND	ND
L2A	31	ND		ND	ND	ND	ND
L2A	35	ND		ND	ND	ND	ND
L3	1	296.852876		28.65	40.3153243	4.11890895	4.88465367
L3	3	274.715196		17.6077853	9.91	18.77	3.540588
L3	6	77.6752542		3.18	21.4159242	2.84558186	2.17697172
L3	12.5	0.0603513		ND	ND	ND	ND
L3	17	0.36602905		ND	ND	ND	ND
L3	20	0.3890995		ND	ND	ND	ND
L3	26.5	0.04605561		ND	ND	ND	ND
L3	29	ND		ND	ND	ND	ND
L3	31	0.35270151		ND	ND	ND	ND
L3	33.5	0.05909188		ND	ND	ND	ND
L3	35	ND		ND	ND	ND	ND
L4	1	ND		ND	ND	ND	ND
L4	12	0.21448106		ND	ND	ND	ND
L4	20	0.47032472		ND	ND	ND	ND
L4	27	0.08900533		ND	ND	ND	ND
L5	1.5	ND		ND	ND	ND	ND
L5	12.5	ND		ND	ND	ND	ND
L5	20	1.39226124		ND	ND	ND	ND
L5	25	0.39229056		ND	ND	ND	ND
L5	30	ND		ND	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	FHxSA	MeFDSAA	MeFHxSA	diOHPrAm-MeOHPr-FHxSA	SPr-FHxSA	FPeSA
L5	31.5	0.08445017		ND	ND	ND	ND
L5	35	ND		ND	ND	ND	ND
L6	1	ND					
L6	3.5	ND	ND				ND
L6	6	ND					
L6	13	ND					
L6	18	0.05371222					
L6	20	0.52604058					
L6	26.5	ND					
L6	27	ND					
L7	1.5	3.55997091		ND	ND	2.05	0.18504895
L7	4	7.52700251		0.26		ND	0.13
L7	11	1.08062361		0.02		ND	0.04
L7	14	13.4893069		0.14		1.24	0.44
L7	16	0.0905824		ND		ND	ND
L7	20	0.18425814		ND		ND	ND
L7	25	0.76628607		ND		ND	<LOSQ
L7	28	0.13577679		ND		ND	0.03
L7	30	ND		ND		ND	ND
L8	1	0.23505942		ND	ND	ND	ND
L8	3	ND		ND	0.10	ND	ND
L8	6.5	ND		ND	ND	ND	ND
L8	12	ND		ND	ND	ND	ND
L8	16	0.04879428		ND	ND	ND	ND
L8	20	0.08716381		ND	ND	ND	ND
L8	25	0.76422825		ND	ND	ND	ND
L8	29	0.15666563		ND	ND	ND	0.02
L8	36	ND		ND	ND	ND	ND
L8	39	0.03641927		ND	ND	ND	ND
L9	1.25	ND		ND	ND	ND	ND
L9	12	ND		ND	ND	<LOSQ	0.15673671
L9	20	0.86906044		ND	ND	ND	0.04674571
L9	24	1.19871658		ND	ND	ND	0.04379728
L9	31	0.06640642		ND	ND	ND	ND
SS1		ND		ND	ND	ND	ND
SS2		0.06731703					
SS3		0.0490604					
B1	0.5	ND		ND	ND	ND	ND
B1	6.25	ND					
B1	16.5	ND		ND	ND	ND	ND
B1	37.5	ND					
B2	1.5	ND		ND	ND	ND	ND
B2	6	ND					
B2	16.5	ND					
B2	22	ND					

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	FHxSA	MeFDSAA	MeFHxSA	diOHPrAm-MeOHPr-FHxSA	SPr-FHxSA	FPeSA
SS Blank	9	ND					
SS Blank	10	ND					
DUP2		0.36343267		ND		ND	ND
DUP4		0.1046822		ND		ND	ND
DUP5		9.49477176		0.27		ND	0.19
DUP7		ND		ND		ND	ND
DUP8		0.13214568		ND		ND	ND
DUP10		1.01614497		ND		ND	0.06
DUP11		0.09996513		ND		ND	ND
DUP12		0.26753223		ND		ND	ND
SS		ND		ND		ND	ND
SSBlank1		ND		ND		ND	ND
SSBlank2		ND		ND		ND	ND
SSBlank3		ND		ND		ND	ND
SSBlank4		ND		ND		ND	ND
SSBlank5		ND		ND		ND	ND
SSBlank6		ND		ND		ND	ND
SSBlank7		ND		ND		ND	ND
SSBlank8		ND		ND		ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	FHpSA	MeFHxSAA	PFHpDA	FBSA	FHxSAA	EtFHxSAA
L1	1				ND		
L1	3				ND		
L1	6.5				ND		
L1	12.5				ND		
L1	16				ND		
L1	20				<LOSQ		
L1	24				ND		
L1	29.5				ND		
L1	31				ND		
L1	38				ND		
L1	41				ND		
L1	44.5				ND		
L2	1	ND	ND		ND	ND	ND
L2	3				<LOSQ		
L2	6	ND	ND		0.05074129	ND	ND
L2	12	ND	ND		ND	ND	ND
L2	16	ND	ND		ND	ND	ND
L2	20	ND	ND		ND	ND	ND
L2	25	ND	ND		ND	ND	ND
L2A	31	ND	ND		ND	ND	ND
L2A	35	ND	ND		ND	ND	ND
L3	1	21.08	154.22		1.8616963	30.39	>LOSQ
L3	3	13.41	7.2286012		1.26168152	7.16	3.17857322
L3	6	1.98	6.52		0.76248183	0.66	ND
L3	12.5	ND	ND		ND	ND	ND
L3	17	<LOSQ	ND		ND	ND	ND
L3	20	ND	ND		ND	ND	ND
L3	26.5	ND	ND		ND	ND	ND
L3	29	ND	ND		ND	ND	ND
L3	31	ND	ND		ND	ND	ND
L3	33.5	ND	ND		ND	ND	ND
L3	35	ND	ND		ND	ND	ND
L4	1	ND	ND		ND	ND	ND
L4	12	ND		ND	ND	ND	ND
L4	20	0.05		ND	ND	ND	ND
L4	27	ND		ND	ND	ND	ND
L5	1.5	ND	ND		ND	ND	ND
L5	12.5	ND		ND	ND	ND	ND
L5	20	ND		ND	ND	ND	ND
L5	25	ND		ND	ND	ND	ND
L5	30	ND		ND	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	FHpSA	MeFHxSAA	PFHpDA	FBSA	FHxSAA	EtFHxSAA
L5	31.5	ND		0.13835479	ND	ND	ND
L5	35	ND		ND	ND	ND	ND
L6	1			ND	ND		
L6	3.5				ND		
L6	6			ND	ND		
L6	13			ND	ND		
L6	18			ND	ND		
L6	20			ND	ND		
L6	26.5			ND	0.02		
L6	27			ND	ND		
L7	1.5	ND	ND		0.11280071	ND	ND
L7	4	0.15			0.09		
L7	11	0.03			ND		
L7	14	0.26			0.34		
L7	16	ND			ND		
L7	20	ND			ND		
L7	25	ND			ND		
L7	28	ND			ND		
L7	30	ND			ND		
L8	1	ND		ND	ND	ND	ND
L8	3	ND	ND		ND	ND	ND
L8	6.5	ND		ND	ND	ND	ND
L8	12	ND		ND	ND	ND	ND
L8	16	ND		ND	ND	ND	ND
L8	20	ND		ND	ND	ND	ND
L8	25	ND		ND	ND	ND	ND
L8	29	ND		ND	ND	ND	ND
L8	36	ND		ND	ND	ND	ND
L8	39	ND		ND	ND	ND	ND
L9	1.25	ND	ND		ND	ND	ND
L9	12	ND	ND		0.05891348	ND	ND
L9	20	ND	ND		0.03282556	ND	ND
L9	24	ND	ND		0.03319451	ND	ND
L9	31	ND	ND		ND	ND	ND
SS1		ND	ND		ND	ND	ND
SS2				ND	ND		
SS3				ND	ND		
B1	0.5	ND	ND		ND	ND	ND
B1	6.25			ND	ND		
B1	16.5	ND	ND		ND	ND	ND
B1	37.5			ND	ND		
B2	1.5	ND	ND		ND	ND	ND
B2	6			ND	ND		
B2	16.5			0.13	ND		
B2	22			ND	ND		

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	FHpSA	MeFHxSAA	PFHpDA	FBSA	FHxSAA	EtFHxSAA
SS Blank	9			ND	ND		
SS Blank	10			ND	ND		
DUP2		0.04			ND		
DUP4		ND			ND		
DUP5		0.18			0.12		
DUP7		ND			ND		
DUP8		ND			ND		
DUP10		ND			ND		
DUP11		ND			ND		
DUP12		ND			ND		
SS		ND			ND		
SSBlank1		ND			ND		
SSBlank2		ND			ND		
SSBlank3		ND			ND		
SSBlank4		ND			ND		
SSBlank5		ND			ND		
SSBlank6		ND			ND		
SSBlank7		ND			ND		
SSBlank8		ND			ND		

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	EtFHxSA	SPr-FOSA	PFHxDS	PFPeDS	FNSA	SPrAmPr-FNSA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1	ND	ND		ND	ND	
L2	3						
L2	6	ND	ND		ND	ND	
L2	12	ND	ND		ND	ND	
L2	16	ND	ND		ND	ND	
L2	20	ND	ND		ND	ND	
L2	25	ND	ND		ND	ND	
L2A	31	ND	ND		ND	ND	
L2A	35	ND	ND		ND	ND	
L3	1		7.37227219	19.34	11.3620788	7.35303497	<LOSQ
L3	3	1.58786131	8.10		1.8591143	5.42598535	
L3	6		<LOSQ	2.52	<LOSQ	0.91054871	ND
L3	12.5		ND	ND	ND	ND	ND
L3	17		ND	ND	ND	ND	ND
L3	20		ND	ND	ND	ND	ND
L3	26.5		ND	ND	ND	ND	ND
L3	29		ND	ND	ND	ND	ND
L3	31		ND	ND	ND	ND	ND
L3	33.5		ND	ND	ND	ND	ND
L3	35		ND	ND	ND	ND	ND
L4	1	ND	ND		ND	ND	
L4	12	ND	ND		ND	ND	
L4	20	ND	ND		ND	ND	
L4	27	ND	ND		ND	ND	
L5	1.5	ND	ND		ND	ND	
L5	12.5	ND	ND		ND	ND	
L5	20	ND	ND		ND	ND	
L5	25	ND	ND		ND	ND	
L5	30	ND	ND		ND	ND	

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	EtFHxSA	SPr-FOSA	PFHxDS	PFPeDS	FNSA	SPrAmPr-FNSA
L5	31.5	ND	ND		ND	ND	
L5	35	ND	ND		ND	ND	
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5	ND	ND		ND	ND	
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1	ND	ND		ND	ND	
L8	3	ND	ND		ND	ND	
L8	6.5	ND	ND		ND	ND	
L8	12	ND	ND		ND	ND	
L8	16	ND	ND		ND	ND	
L8	20	ND	ND		ND	ND	
L8	25	ND	ND		ND	ND	
L8	29	ND	ND		ND	ND	
L8	36	ND	ND		ND	ND	
L8	39	ND	ND		ND	ND	
L9	1.25	ND	ND		ND	ND	
L9	12		ND	ND	ND	ND	ND
L9	20		ND	ND	ND	ND	ND
L9	24		ND	ND	ND	ND	ND
L9	31		ND	ND	ND	ND	ND
SS1		ND	ND		ND	ND	
SS2							
SS3							
B1	0.5		ND	ND	ND	ND	ND
B1	6.25						
B1	16.5		ND	ND	ND	ND	ND
B1	37.5						
B2	1.5	ND	ND		ND	ND	
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	EtFHxSA	SPr-FOSA	PFHxDS	PFPeDS	FNSA	SPrAmPr-FNSA
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	diOHBAmPr-FOSA	diOHPrAm-MeOHPr-FHxSAPrS	diOHPrAm-MeOHPr-FOSA	diOHPrAm-MeOHPr-FOSAPrS	diOHPrAm-MeOHPr-FPeSA	S-OHPrAmPr-FHxSA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1		ND	ND		ND	
L2	3						
L2	6		ND	ND		ND	
L2	12		ND	ND		ND	
L2	16		ND	ND		ND	
L2	20		ND	ND		ND	
L2	25		ND	ND		ND	
L2A	31		ND	ND		ND	
L2A	35		ND	ND		ND	
L3	1		>LOSQ	4.46409729	4.1108544	1.48929289	
L3	3		5.44737193	1.00873338		0.25317636	
L3	6		4.03842049	ND	3.61535151	1.04866763	
L3	12.5		ND	ND	ND	ND	
L3	17		ND	ND	ND	ND	
L3	20		ND	ND	ND	ND	
L3	26.5		ND	ND	ND	ND	
L3	29		ND	ND	ND	ND	
L3	31		ND	ND	ND	ND	
L3	33.5		ND	ND	ND	ND	
L3	35		ND	ND	ND	ND	
L4	1		ND	ND		ND	
L4	12	ND	ND	ND		ND	ND
L4	20	ND	ND	ND		ND	ND
L4	27	ND	ND	ND		ND	ND
L5	1.5		ND	ND		ND	
L5	12.5	ND	ND	ND		ND	ND
L5	20	ND	ND	ND		ND	ND
L5	25	ND	ND	ND		ND	ND
L5	30	ND	ND	ND		ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	diOHBAmPr-FOSA	diOHPrAm-MeOHPr-FHxSAPrS	diOHPrAm-MeOHPr-FOSA	diOHPrAm-MeOHPr-FOSAPrS	diOHPrAm-MeOHPr-FPeSA	S-OHPrAmPr-FHxSA
L5	31.5	ND	ND	ND		ND	ND
L5	35	ND	ND	ND		ND	ND
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5		ND	ND		ND	
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1	ND	ND	ND		ND	ND
L8	3		ND	ND		ND	
L8	6.5	ND	ND	ND		ND	ND
L8	12	ND	ND	ND		ND	ND
L8	16	ND	ND	ND		ND	ND
L8	20	ND	ND	ND		ND	ND
L8	25	ND	ND	ND		ND	ND
L8	29	ND	ND	ND		ND	ND
L8	36	ND	ND	ND		ND	ND
L8	39	ND	ND	ND		ND	ND
L9	1.25		ND	ND		ND	
L9	12		ND	ND	ND	ND	
L9	20		ND	ND	ND	ND	
L9	24		ND	ND	ND	ND	
L9	31		ND	ND	ND	ND	
SS1			ND	ND		ND	
SS2							
SS3							
B1	0.5		ND	ND	ND	ND	
B1	6.25						
B1	16.5		ND	ND	ND	ND	
B1	37.5						
B2	1.5		ND	ND		ND	
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	diOHBAmPr-FOSA	diOHPrAm-MeOHPr-FHxSAPrS	diOHPrAm-MeOHPr-FOSA	diOHPrAm-MeOHPr-FOSAPrS	diOHPrAm-MeOHPr-FPeSA	S-OHPrAmPr-FHxSA
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	MeFPeSA	MeFPeSAA	MeFHpSA	MeFHpSAA	FPrSA	PFPeDA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1	ND		ND	ND	ND	ND
L2	3						
L2	6	ND		ND	ND	ND	ND
L2	12	ND		ND	ND	ND	ND
L2	16	ND		ND	ND	ND	ND
L2	20	ND		ND	ND	ND	0.19929353
L2	25	ND		ND	ND	ND	ND
L2A	31	ND		ND	ND	ND	ND
L2A	35	ND		ND	ND	ND	ND
L3	1	0.51019187	1.63040175	1.14740537		0.23876937	ND
L3	3	0.37945689		0.35559893	0.25250796	0.16925227	ND
L3	6	ND	ND	ND		0.05005222	ND
L3	12.5	ND	ND	ND		ND	0.213022
L3	17	ND	ND	ND		ND	ND
L3	20	ND	ND	ND		ND	ND
L3	26.5	ND	ND	ND		ND	0.23078426
L3	29	ND	ND	ND		ND	ND
L3	31	ND	ND	ND		ND	0.22327417
L3	33.5	ND	ND	ND		ND	ND
L3	35	ND	ND	ND		ND	ND
L4	1	ND		ND	ND	ND	ND
L4	12	ND				ND	
L4	20	ND				ND	
L4	27	ND				ND	
L5	1.5	ND		ND	ND	ND	ND
L5	12.5	ND				ND	
L5	20	ND				ND	
L5	25	ND				ND	
L5	30	ND				ND	

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	MeFPeSA	MeFPeSAA	MeFHpSA	MeFHpSAA	FPrSA	PFPeDA
L5	31.5	ND				ND	
L5	35	ND				ND	
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5	ND		ND	ND	ND	0.16835271
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1	ND				ND	
L8	3	ND		ND	ND	ND	ND
L8	6.5	ND				ND	
L8	12	ND				ND	
L8	16	ND				ND	
L8	20	ND				ND	
L8	25	ND				ND	
L8	29	ND				ND	
L8	36	ND				ND	
L8	39	ND				ND	
L9	1.25	ND		ND	ND	ND	ND
L9	12	ND	ND	ND		ND	ND
L9	20	ND	ND	ND		ND	ND
L9	24	ND	ND	ND		ND	ND
L9	31	ND	ND	ND		ND	ND
SS1		ND		ND	ND	ND	ND
SS2							
SS3							
B1	0.5	ND	ND	ND		ND	0.38781654
B1	6.25						
B1	16.5	ND	ND	ND		ND	0.20103168
B1	37.5						
B2	1.5	ND		ND	ND	ND	0.06760858
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	MeFPeSA	MeFPeSAA	MeFHpSA	MeFHpSAA	FPrSA	PFPeDA
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	AmPr-FBSA	diOHPrAm-MeOHPr-FHpSA	MeFBSA	FPeSAA	SPrAmPr-FDoSA	F5S-PFOS
L1	1						0.34812165
L1	3						ND
L1	6.5						ND
L1	12.5						ND
L1	16						ND
L1	20						ND
L1	24						ND
L1	29.5						ND
L1	31						ND
L1	38						ND
L1	41						ND
L1	44.5						ND
L2	1	ND		ND	ND	ND	0.43296446
L2	3						0.2483593
L2	6	ND		ND	ND	ND	ND
L2	12	ND		ND	ND	ND	ND
L2	16	ND		ND	ND	ND	ND
L2	20	ND		ND	ND	ND	ND
L2	25	ND		ND	ND	ND	ND
L2A	31	ND		ND	ND	ND	ND
L2A	35	ND		ND	ND	ND	ND
L3	1	0.57051374	<LOSQ	0.08112227	0.41222895		126.396023
L3	3	0.21035297		0.07506294	0.07356507	0.36039532	31.7323002
L3	6	<LOSQ	<LOSQ	0.02250501	<LOSQ		13.0907591
L3	12.5	ND	ND	ND	ND		ND
L3	17	ND	ND	ND	ND		ND
L3	20	ND	ND	ND	ND		ND
L3	26.5	ND	ND	ND	ND		ND
L3	29	ND	ND	ND	ND		ND
L3	31	ND	ND	ND	ND		ND
L3	33.5	ND	ND	ND	ND		ND
L3	35	ND	ND	ND	ND		ND
L4	1	ND		ND	ND	ND	ND
L4	12		ND				ND
L4	20		ND				ND
L4	27		ND				ND
L5	1.5	ND		ND	ND	ND	ND
L5	12.5		ND				ND
L5	20		ND				ND
L5	25		ND				ND
L5	30		ND				ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	AmPr-FBSA	diOHPrAm-MeOHPr-FHpSA	MeFBSA	FPeSAA	SPrAmPr-FDoSA	F5S-PFOS
L5	31.5		ND				ND
L5	35		ND				ND
L6	1						ND
L6	3.5						ND
L6	6						ND
L6	13						ND
L6	18						ND
L6	20						ND
L6	26.5						ND
L6	27						ND
L7	1.5	ND		ND	ND	ND	ND
L7	4						0.31124956
L7	11						ND
L7	14						ND
L7	16						ND
L7	20						ND
L7	25						ND
L7	28						ND
L7	30						ND
L8	1		ND				ND
L8	3	ND		ND	ND	ND	ND
L8	6.5		ND				ND
L8	12		ND				ND
L8	16		ND				ND
L8	20		ND				ND
L8	25		ND				ND
L8	29		ND				ND
L8	36		ND				ND
L8	39		ND				ND
L9	1.25	ND		ND	ND	ND	ND
L9	12	ND	ND	ND	ND		ND
L9	20	ND	ND	ND	ND		ND
L9	24	ND	ND	ND	ND		ND
L9	31	ND	ND	ND	ND		ND
SS1		ND		ND	ND	ND	0.71569773
SS2							1.02270894
SS3							0.15696579
B1	0.5	ND	ND	ND	ND		ND
B1	6.25						ND
B1	16.5	ND	ND	ND	ND		ND
B1	37.5						ND
B2	1.5	ND		ND	ND	ND	ND
B2	6						ND
B2	16.5						ND
B2	22						ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	AmPr-FBSA	diOHPrAm-MeOHPr-FHpSA	MeFBSA	FPeSAA	SPrAmPr-FDoSA	F5S-PFOS
SS Blank	9						ND
SS Blank	10						ND
DUP2							ND
DUP4							ND
DUP5							0.52239302
DUP7							ND
DUP8							ND
DUP10							0.33730993
DUP11							ND
DUP12							ND
SS							ND
SSBlank1							ND
SSBlank2							ND
SSBlank3							ND
SSBlank4							ND
SSBlank5							ND
SSBlank6							ND
SSBlank7							ND
SSBlank8							ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	H-UPFDS	H-PFPeA	F5S-PFNS	PFTrDS	H-PFDS	O-PFDS
L1	1	0.42290286		0.28	0.42284993		
L1	3	ND		ND	ND		
L1	6.5	0.2076625		ND	ND		
L1	12.5	ND		ND	ND		
L1	16	ND		ND	ND		
L1	20	ND		ND	ND		
L1	24	ND		ND	ND		
L1	29.5	ND		ND	ND		
L1	31	ND		ND	ND		
L1	38	ND		ND	ND		
L1	41	ND		ND	ND		
L1	44.5	ND		ND	ND		
L2	1			0.17	ND	<LOSQ	ND
L2	3	ND		ND	ND		
L2	6			ND	ND	ND	0.34
L2	12			ND	ND	ND	ND
L2	16			ND	ND	ND	ND
L2	20			ND	ND	ND	ND
L2	25			ND	ND	ND	ND
L2A	31			ND	ND	ND	ND
L2A	35			ND	ND	ND	ND
L3	1	10.6823328		53.931564	39.30	9.08976136	50.46
L3	3			17.72	10.37	0.76718902	12.36
L3	6	0.4392015		9.08990693	4.47	1.29045374	1.81
L3	12.5	ND		ND	ND	ND	ND
L3	17	ND		ND	ND	ND	ND
L3	20	ND		ND	ND	ND	ND
L3	26.5	ND		ND	ND	ND	ND
L3	29	ND		ND	ND	ND	ND
L3	31	ND		ND	ND	ND	ND
L3	33.5	ND		ND	ND	ND	ND
L3	35	ND		ND	ND	ND	ND
L4	1			ND	ND	ND	ND
L4	12	ND		ND	ND		ND
L4	20	ND		ND	ND		ND
L4	27	ND		ND	ND		ND
L5	1.5			ND	ND	ND	ND
L5	12.5	ND		ND	ND		ND
L5	20	ND		ND	ND		ND
L5	25	ND		ND	ND		ND
L5	30	ND		ND	ND		ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	H-UPFDS	H-PFPeA	F5S-PFNS	PFTrDS	H-PFDS	O-PFDS
L5	31.5	ND		ND	ND		ND
L5	35	ND		ND	ND		ND
L6	1	ND	<SSBlank	ND		<LOSQ	
L6	3.5	ND		ND	ND		
L6	6	ND	<SSBlank	ND		ND	
L6	13	ND	<SSBlank	ND		ND	
L6	18	1.58069941	ND	ND		ND	
L6	20	ND	ND	ND		ND	
L6	26.5	ND	<SSBlank	ND		ND	
L6	27	ND	ND	ND		ND	
L7	1.5			0.10	ND	ND	ND
L7	4		0.72878223				0.18
L7	11		1.0531581				ND
L7	14		0.77365287				ND
L7	16		1.07064758				ND
L7	20		1.02140575				ND
L7	25		0.70756202				ND
L7	28		ND				ND
L7	30		ND				ND
L8	1	ND		ND	ND		ND
L8	3			ND	ND	ND	ND
L8	6.5	ND		ND	ND		ND
L8	12	ND		ND	ND		ND
L8	16	ND		ND	ND		ND
L8	20	ND		ND	ND		ND
L8	25	ND		ND	ND		ND
L8	29	ND		ND	ND		ND
L8	36	ND		ND	ND		ND
L8	39	ND		ND	ND		ND
L9	1.25			ND	ND	ND	ND
L9	12	ND		ND	ND	ND	ND
L9	20	ND		ND	ND	ND	ND
L9	24	ND		ND	ND	ND	ND
L9	31	ND		ND	ND	ND	ND
SS1				0.27	0.20	ND	0.10
SS2		ND	ND	<LOSQ		ND	
SS3		ND	0.62706359	ND		<LOSQ	
B1	0.5	ND		ND	ND	ND	ND
B1	6.25	ND	<SSBlank	ND		ND	
B1	16.5	ND		ND	ND	ND	ND
B1	37.5	0.11714448	ND	ND		ND	
B2	1.5			ND	ND	ND	ND
B2	6	ND	ND	ND		ND	
B2	16.5	ND	0.74215804	ND		ND	
B2	22	ND	0.68957697	ND		ND	

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	H-UPFDS	H-PFPeA	F5S-PFNS	PFTrDS	H-PFDS	O-PFDS
SS Blank	9	ND	ND	ND		ND	
SS Blank	10	0.45950573	0.68806662	ND		ND	
DUP2			ND				ND
DUP4			ND				ND
DUP5			ND				ND
DUP7			ND				ND
DUP8			ND				ND
DUP10			ND				0.23
DUP11			ND				ND
DUP12			ND				ND
SS			ND				ND
SSBlank1			0.55903087				ND
SSBlank2			ND				ND
SSBlank3			0.89616882				ND
SSBlank4			0.70594657				ND
SSBlank5			0.89302938				ND
SSBlank6			ND				ND
SSBlank7			ND				ND
SSBlank8			0.84191225				ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	UPFTrDS	UPFTeDS	F5S-PFHpS	O-PFOS	O-PFNS	PFTeDS
L1	1	0.26	0.18	ND		ND	ND
L1	3	ND	ND	ND		ND	ND
L1	6.5	ND	ND	ND		ND	ND
L1	12.5	ND	ND	ND		ND	ND
L1	16	ND	ND	ND		ND	ND
L1	20	ND	ND	ND		ND	ND
L1	24	ND	ND	ND		ND	ND
L1	29.5	ND	ND	ND		ND	ND
L1	31	ND	ND	ND		ND	6.66
L1	38	ND	ND	ND		ND	ND
L1	41	ND	ND	ND		ND	ND
L1	44.5	ND	ND	ND		ND	ND
L2	1	0.05	ND	ND	0.0295728	<LOSQ	ND
L2	3	ND	ND	0.12		0.13	ND
L2	6	ND	ND	0.07890803	ND	<LOSQ	
L2	12	ND	ND	ND	ND	ND	
L2	16	ND	ND	ND	ND	ND	
L2	20	ND	ND	ND	ND	ND	
L2	25	ND	ND	ND	ND	ND	
L2A	31	ND	ND	ND	ND	ND	
L2A	35	ND	ND	ND	ND	ND	
L3	1	19.03	15.7041462	3.348528	0.15915479	4.86922483	28.95
L3	3	5.85	5.22272453	1.23253646	0.09774044	3.92	
L3	6	2.09	1.76200646	ND	0.04194998	<LOSQ	ND
L3	12.5	ND	ND	ND	ND	ND	ND
L3	17	ND	ND	ND	ND	ND	ND
L3	20	ND	ND	ND	ND	ND	ND
L3	26.5	ND	ND	ND	ND	ND	ND
L3	29	ND	ND	ND	ND	ND	ND
L3	31	ND	ND	ND	ND	ND	ND
L3	33.5	ND	ND	ND	ND	ND	ND
L3	35	ND	ND	ND	ND	ND	ND
L4	1	ND	ND	ND	ND	ND	
L4	12	ND	ND	ND		ND	ND
L4	20	ND	ND	ND		ND	ND
L4	27	ND	ND	ND		ND	ND
L5	1.5	ND	ND	ND	ND	ND	
L5	12.5	ND	ND	ND		ND	ND
L5	20	ND	ND	ND		ND	ND
L5	25	ND	ND	ND		ND	ND
L5	30	ND	ND	ND		ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	UPFTrDS	UPFTeDS	F5S-PFHpS	O-PFOS	O-PFNS	PFTeDS
L5	31.5	ND	ND	ND		ND	ND
L5	35	ND	ND	ND		ND	ND
L6	1	ND	ND		0.04		
L6	3.5	ND	ND	ND		<LOSQ	ND
L6	6	ND	ND		ND		
L6	13	ND	ND		ND		
L6	18	ND	ND		ND		
L6	20	ND	ND		ND		
L6	26.5	ND	ND		ND		
L6	27	ND	ND		ND		
L7	1.5	ND	ND	0.03192471	0.28666119	0.38	
L7	4			0.18		<LOSQ	
L7	11			ND		ND	
L7	14			ND		<LOSQ	
L7	16			ND		ND	
L7	20			ND		ND	
L7	25			ND		ND	
L7	28			ND		ND	
L7	30			ND		ND	
L8	1	ND	ND	ND		<LOSQ	ND
L8	3	ND	ND	ND	ND	ND	
L8	6.5	ND	ND	ND		ND	ND
L8	12	ND	ND	ND		ND	ND
L8	16	ND	ND	ND		ND	ND
L8	20	ND	ND	ND		ND	ND
L8	25	ND	ND	ND		ND	ND
L8	29	ND	ND	ND		ND	ND
L8	36	ND	ND	ND		ND	ND
L8	39	ND	ND	ND		ND	ND
L9	1.25	ND	ND	ND	ND	ND	
L9	12	ND	ND	ND	ND	ND	ND
L9	20	ND	ND	ND	ND	ND	ND
L9	24	ND	ND	ND	ND	ND	ND
L9	31	ND	ND	ND	ND	ND	ND
SS1		ND	ND	ND	ND	<LOSQ	
SS2		<LOSQ	<LOSQ		ND		
SS3		ND	ND		ND		
B1	0.5	ND	ND	ND	ND	ND	ND
B1	6.25	ND	ND		ND		
B1	16.5	ND	ND	ND	ND	ND	ND
B1	37.5	ND	ND		ND		
B2	1.5	ND	ND	ND	ND	ND	
B2	6	ND	ND		ND		
B2	16.5	ND	ND		ND		
B2	22	ND	ND		ND		

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	UPFTrDS	UPFTeDS	F5S-PFHpS	O-PFOS	O-PFNS	PFTeDS
SS Blank	9	ND	ND		ND		
SS Blank	10	ND	ND		ND		
DUP2				ND		ND	
DUP4				ND		ND	
DUP5				0.24		ND	
DUP7				ND		ND	
DUP8				ND		ND	
DUP10				0.12		0.13	
DUP11				ND		ND	
DUP12				ND		ND	
SS				ND		ND	
SSBlank1				ND		ND	
SSBlank2				ND		ND	
SSBlank3				ND		ND	
SSBlank4				ND		ND	
SSBlank5				ND		ND	
SSBlank6				ND		ND	
SSBlank7				ND		ND	
SSBlank8				ND		ND	

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	K-PFDoS	H-PFOS	K-PFOS	UPFDoS	H-UPFDoS	PFHxSi
L1	1	0.09	ND	ND			<LOSQ
L1	3	ND	ND	ND			ND
L1	6.5	ND	ND	ND			ND
L1	12.5	ND	ND	ND			ND
L1	16	ND	ND	ND			ND
L1	20	ND	ND	ND			ND
L1	24	ND	ND	ND			ND
L1	29.5	ND	ND	ND			ND
L1	31	ND	ND	ND			ND
L1	38	ND	ND	ND			ND
L1	41	ND	ND	ND			ND
L1	44.5	ND	ND	ND			ND
L2	1	ND	<LOSQ	0.13624823	0.08105392		ND
L2	3	ND	<LOSQ	0.04			ND
L2	6	ND	ND	0.06296566	ND		ND
L2	12	ND	ND	ND	ND		ND
L2	16	ND	ND	ND	ND		ND
L2	20	ND	ND	ND	ND		0.04890006
L2	25	ND	ND	ND	ND		ND
L2A	31	ND	ND	ND	ND		ND
L2A	35	ND	ND	ND	ND		ND
L3	1	9.00935999	1.17362246	0.87886304	19.30		10.4245488
L3	3	2.84386942	ND	0.47137051	4.94734611		2.70062802
L3	6	<LOSQ	<LOSQ	0.26724567	1.86		1.62791296
L3	12.5	ND	ND	ND	ND		ND
L3	17	ND	ND	ND	ND		ND
L3	20	ND	ND	ND	ND		<LOSQ
L3	26.5	ND	ND	ND	ND		ND
L3	29	ND	ND	ND	ND		ND
L3	31	ND	ND	ND	ND		<LOSQ
L3	33.5	ND	ND	ND	ND		ND
L3	35	ND	ND	ND	ND		ND
L4	1	ND	ND	ND	ND		ND
L4	12	ND	ND	ND	ND	ND	ND
L4	20	ND	ND	ND	ND	ND	<LOSQ
L4	27	ND	ND	ND	ND	ND	ND
L5	1.5	ND	ND	ND	ND		ND
L5	12.5	ND	ND	ND	ND	ND	ND
L5	20	ND	ND	ND	ND	ND	ND
L5	25	ND	ND	ND	ND	ND	ND
L5	30	ND	ND	ND	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	K-PFDoS	H-PFOS	K-PFOS	UPFDoS	H-UPFDoS	PFHxSi
L5	31.5	ND	ND	ND	ND	ND	ND
L5	35	ND	ND	ND	ND	ND	ND
L6	1						
L6	3.5	ND	ND	ND			ND
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5	ND	ND	1.0045463	ND		0.12389277
L7	4		ND	ND			ND
L7	11		ND	ND			<LOSQ
L7	14		0.09431473	<LOSQ			0.17
L7	16		ND	ND			ND
L7	20		ND	ND			ND
L7	25		ND	ND			<LOSQ
L7	28		ND	ND			ND
L7	30		ND	ND			ND
L8	1	ND	ND	ND	ND	ND	<LOSQ
L8	3	ND	ND	ND	ND		<LOSQ
L8	6.5	ND	ND	ND	ND	ND	ND
L8	12	ND	ND	ND	ND	ND	ND
L8	16	ND	ND	ND	ND	ND	ND
L8	20	ND	ND	ND	ND	ND	ND
L8	25	ND	ND	ND	ND	ND	ND
L8	29	ND	ND	ND	ND	ND	ND
L8	36	ND	ND	ND	ND	ND	ND
L8	39	ND	ND	ND	ND	ND	ND
L9	1.25	ND	ND	ND	ND		ND
L9	12	ND	<LOSQ	0.03333519	ND		<LOSQ
L9	20	ND	ND	ND	ND		<LOSQ
L9	24	ND	ND	ND	ND		<LOSQ
L9	31	ND	ND	ND	ND		ND
SS1		ND	ND	ND	ND		ND
SS2							
SS3							
B1	0.5	ND	ND	ND	ND		ND
B1	6.25						
B1	16.5	ND	ND	ND	ND		ND
B1	37.5						
B2	1.5	ND	ND	ND	ND		ND
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	K-PFDoS	H-PFOS	K-PFOS	UPFDoS	H-UPFDoS	PFHxSi
SS Blank	9						
SS Blank	10						
DUP2			ND	ND			<LOSQ
DUP4			ND	ND			ND
DUP5			ND	ND			ND
DUP7			ND	ND			ND
DUP8			ND	ND			ND
DUP10			ND	<LOSQ			ND
DUP11			ND	ND			<LOSQ
DUP12			ND	ND			ND
SS			ND	ND			ND
SSBlank1			ND	ND			ND
SSBlank2			ND	ND			ND
SSBlank3			ND	ND			ND
SSBlank4			ND	ND			ND
SSBlank5			ND	ND			ND
SSBlank6			ND	ND			ND
SSBlank7			ND	ND			ND
SSBlank8			ND	ND			ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	H-UPFOS	UPFUdS	F5S-PFHxS	H-PFHxA	UPFOS	UPFPeDS
L1	1	ND		ND			
L1	3	ND		ND			
L1	6.5	0.03		ND			
L1	12.5	ND		ND			
L1	16	ND		ND			
L1	20	ND		ND			
L1	24	ND		ND			
L1	29.5	ND		ND			
L1	31	ND		ND			
L1	38	ND		ND			
L1	41	ND		ND			
L1	44.5	ND		ND			
L2	1	ND	ND	ND	0.24774664	0.27906874	ND
L2	3	ND		<LOSQ			
L2	6	0.23170153	ND	ND	ND	ND	ND
L2	12	ND	ND	ND	0.3462134	ND	ND
L2	16	ND	ND	ND	ND	ND	ND
L2	20	ND	ND	ND	ND	ND	ND
L2	25	ND	ND	ND	ND	ND	ND
L2A	31	ND	ND	ND	0.30931018	ND	ND
L2A	35	ND	ND	ND	ND	ND	ND
L3	1	ND	19.26		ND		8.54393543
L3	3	ND	4.4706842	<LOSQ	0.34049878	1.2399338	2.56277099
L3	6	0.06512698	1.01		ND		ND
L3	12.5	ND	ND		ND		ND
L3	17	ND	ND		ND		ND
L3	20	ND	ND		ND		ND
L3	26.5	ND	ND		ND		ND
L3	29	ND	ND		ND		ND
L3	31	ND	ND		ND		ND
L3	33.5	ND	ND		ND		ND
L3	35	ND	ND		ND		ND
L4	1	ND	ND	ND	ND	ND	ND
L4	12	ND	ND		ND	ND	ND
L4	20	ND	ND		ND	ND	ND
L4	27	ND	ND		<LOSQ	ND	ND
L5	1.5	ND	ND	ND	0.24223345	ND	ND
L5	12.5	ND	ND		ND	ND	ND
L5	20	ND	ND		ND	ND	ND
L5	25	ND	ND		ND	ND	ND
L5	30	ND	ND		ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	H-UPFOS	UPFUdS	F5S-PFHxS	H-PFHxA	UPFOS	UPFPeDS
L5	31.5	ND	ND		<LOSQ	ND	ND
L5	35	ND	ND		<LOSQ	ND	ND
L6	1						
L6	3.5	ND		ND			
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5	ND	ND	<LOSQ	0.26322603	0.70186414	ND
L7	4		ND	<LOSQ	ND	ND	
L7	11		ND	ND	ND	ND	
L7	14		ND	ND	ND	0.28444734	
L7	16		ND	ND	0.47762581	ND	
L7	20		ND	ND	ND	ND	
L7	25		ND	ND	ND	ND	
L7	28		ND	ND	ND	ND	
L7	30		ND	ND	ND	ND	
L8	1	ND	ND		ND	ND	ND
L8	3	ND	ND	ND	ND	ND	ND
L8	6.5	ND	ND		ND	ND	ND
L8	12	ND	ND		<LOSQ	ND	ND
L8	16	ND	ND		<LOSQ	ND	ND
L8	20	ND	ND		ND	ND	ND
L8	25	ND	ND		ND	ND	ND
L8	29	ND	ND		ND	ND	ND
L8	36	ND	ND		<LOSQ	ND	ND
L8	39	ND	ND		<LOSQ	ND	ND
L9	1.25	ND	ND	ND	ND	ND	ND
L9	12	ND	ND		ND		ND
L9	20	ND	ND		ND		ND
L9	24	ND	ND		ND		ND
L9	31	ND	ND		ND		ND
SS1		ND	0.19618577	ND	ND	ND	ND
SS2							
SS3							
B1	0.5	ND	ND		ND		ND
B1	6.25						
B1	16.5	ND	ND		ND		ND
B1	37.5						
B2	1.5	ND	ND	ND	0.25475047	ND	ND
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	H-UPFOS	UPFUdS	F5S-PFHxS	H-PFHxA	UPFOS	UPFPeDS
SS Blank	9						
SS Blank	10						
DUP2			ND	ND	ND	ND	
DUP4			ND	ND	ND	ND	
DUP5			<LOSQ	ND	ND	ND	
DUP7			ND	ND	ND	ND	
DUP8			ND	ND	ND	ND	
DUP10			ND	<LOSQ	ND	ND	
DUP11			ND	ND	ND	ND	
DUP12			ND	ND	ND	ND	
SS			ND	ND	ND	ND	
SSBlank1			ND	ND	ND	ND	
SSBlank2			ND	ND	ND	ND	
SSBlank3			ND	ND	ND	ND	
SSBlank4			ND	ND	ND	ND	
SSBlank5			ND	ND	ND	ND	
SSBlank6			ND	ND	0.43516378	ND	
SSBlank7			ND	ND	ND	ND	
SSBlank8			ND	ND	ND	ND	

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFTeD-OS	PFOSi	UPFDS	F5S-PFOA	PeH-FUdOS	PFCPeCA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1		ND	ND	ND		
L2	3						
L2	6		ND	0.22519077	ND		
L2	12		ND	ND	ND		
L2	16		ND	ND	ND		
L2	20		ND	ND	ND		
L2	25		ND	ND	ND		
L2A	31		ND	ND	ND		
L2A	35		ND	ND	ND		
L3	1		6.48307717	10.8000106	0.21435844		
L3	3		3.41340797	4.0488002	0.2083461		
L3	6		<LOSQ	ND	ND		
L3	12.5		<LOSQ	ND	ND		
L3	17		<LOSQ	ND	ND		
L3	20		ND	ND	ND		
L3	26.5		ND	ND	ND		
L3	29		<LOSQ	ND	ND		
L3	31		ND	ND	ND		
L3	33.5		ND	ND	ND		
L3	35		ND	ND	ND		
L4	1		ND	ND	ND		
L4	12	ND	ND				<LOSQ
L4	20	ND	ND				<LOSQ
L4	27	ND	ND				ND
L5	1.5		ND	ND	ND		
L5	12.5	ND	ND				<LOSQ
L5	20	ND	ND				ND
L5	25	ND	ND				ND
L5	30	ND	ND				<LOSQ

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFTeD-OS	PFOSi	UPFDS	F5S-PFOA	PeH-FUdOS	PFCPeCA
L5	31.5	ND	ND				ND
L5	35	ND	ND				ND
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5		ND	ND	<LOSQ		
L7	4		ND	ND	0.04763781	ND	
L7	11		<LOSQ	ND	ND	ND	
L7	14		ND	ND	ND	ND	
L7	16		ND	ND	ND	ND	
L7	20		ND	ND	ND	ND	
L7	25		ND	ND	ND	ND	
L7	28		<LOSQ	ND	ND	ND	
L7	30		ND	ND	ND	ND	
L8	1	ND	ND				0.41579639
L8	3		ND	ND	ND		
L8	6.5	ND	ND				ND
L8	12	ND	ND				ND
L8	16	ND	ND				0.47749951
L8	20	ND	ND				ND
L8	25	ND	ND				ND
L8	29	ND	ND				<LOSQ
L8	36	ND	ND				<LOSQ
L8	39	ND	ND				0.45621489
L9	1.25		ND	ND	ND		
L9	12		ND	ND	ND		
L9	20		<LOSQ	ND	ND		
L9	24		<LOSQ	ND	ND		
L9	31		ND	ND	ND		
SS1			ND	ND	ND		
SS2							
SS3							
B1	0.5		<LOSQ	ND	ND		
B1	6.25						
B1	16.5		ND	ND	ND		
B1	37.5						
B2	1.5		ND	ND	ND		
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFTeD-OS	PFOSi	UPFDS	F5S-PFOA	PeH-FUdOS	PFCPeCA
SS Blank	9						
SS Blank	10						
DUP2			ND	ND	ND	<LOSQ	
DUP4			ND	ND	ND	ND	
DUP5			ND	ND	0.09079785	ND	
DUP7			ND	ND	ND	ND	
DUP8			ND	ND	ND	ND	
DUP10			ND	0.08635698	ND	ND	
DUP11			ND	ND	ND	ND	
DUP12			ND	ND	ND	ND	
SS			ND	ND	ND	ND	
SSBlank1			ND	ND	ND	ND	
SSBlank2			ND	ND	ND	ND	
SSBlank3			ND	ND	ND	ND	
SSBlank4			ND	ND	ND	ND	
SSBlank5			ND	ND	ND	ND	
SSBlank6			ND	ND	ND	ND	
SSBlank7			ND	ND	ND	ND	
SSBlank8			ND	ND	ND	ND	

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	O-PFDoS	PFUd-OS	PFDo-OS	K-PFTrDS	K-PFUdS	K-PFDS
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1		ND	ND	ND	ND	ND
L2	3						
L2	6		ND	ND	ND	ND	ND
L2	12		ND	ND	ND	ND	ND
L2	16		ND	ND	ND	ND	ND
L2	20		ND	ND	ND	ND	ND
L2	25		ND	ND	ND	ND	ND
L2A	31		ND	ND	ND	ND	ND
L2A	35		ND	ND	ND	ND	ND
L3	1		6.53058637	6.50732567	6.3647706	7.83571483	6.70526085
L3	3		1.74321428	2.07241367	1.89921546	1.65272636	1.87872821
L3	6		<LOSQ	<LOSQ	<LOSQ	ND	0.20087336
L3	12.5		ND	ND	ND	ND	ND
L3	17		ND	ND	ND	ND	ND
L3	20		ND	ND	ND	ND	ND
L3	26.5		ND	ND	ND	ND	ND
L3	29		ND	ND	ND	ND	ND
L3	31		ND	ND	ND	ND	ND
L3	33.5		ND	ND	ND	ND	ND
L3	35		ND	ND	ND	ND	ND
L4	1		ND	ND	ND	ND	ND
L4	12	ND				ND	ND
L4	20	ND				ND	ND
L4	27	ND				ND	ND
L5	1.5		ND	ND	ND	ND	ND
L5	12.5	ND				ND	ND
L5	20	ND				ND	ND
L5	25	ND				ND	ND
L5	30	ND				ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	O-PFDoS	PFUd-OS	PFDo-OS	K-PFTrDS	K-PFUdS	K-PFDS
L5	31.5	ND				ND	ND
L5	35	ND				ND	ND
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5		ND	ND	ND	ND	ND
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1	ND				ND	ND
L8	3		ND	ND	ND	ND	ND
L8	6.5	ND				ND	ND
L8	12	ND				ND	ND
L8	16	ND				ND	ND
L8	20	ND				ND	ND
L8	25	ND				ND	ND
L8	29	ND				ND	ND
L8	36	ND				ND	ND
L8	39	ND				ND	ND
L9	1.25		ND	ND	ND	ND	ND
L9	12		ND	ND	ND	ND	ND
L9	20		ND	ND	ND	ND	ND
L9	24		ND	ND	ND	ND	ND
L9	31		ND	ND	ND	ND	ND
SS1			ND	ND	ND	ND	ND
SS2							
SS3							
B1	0.5		ND	ND	ND	ND	ND
B1	6.25						
B1	16.5		ND	ND	ND	ND	ND
B1	37.5						
B2	1.5		ND	ND	ND	ND	ND
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	O-PFDoS	PFUd-OS	PFDo-OS	K-PFTrDS	K-PFUdS	K-PFDS
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFD-OS	O-PFTeDS	K-PFTeDS	PFTrD-OS	F5S-PFDS	K-PFNS
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1	ND		ND	ND	ND	ND
L2	3						
L2	6	ND		ND	ND	ND	ND
L2	12	ND		ND	ND	ND	ND
L2	16	ND		ND	ND	ND	ND
L2	20	ND		ND	ND	ND	ND
L2	25	ND		ND	ND	ND	ND
L2A	31	ND		ND	ND	ND	ND
L2A	35	ND		ND	ND	ND	ND
L3	1	6.79283733		6.78815356	4.62757475	2.80326832	1.44237868
L3	3	1.61054809		2.0770362	1.13706341	0.98912656	0.90776701
L3	6	0.52459585		ND	<LOSQ	<LOSQ	<LOSQ
L3	12.5	ND		ND	ND	ND	ND
L3	17	ND		ND	ND	ND	ND
L3	20	ND		ND	ND	ND	ND
L3	26.5	ND		ND	ND	ND	ND
L3	29	ND		ND	ND	ND	ND
L3	31	ND		ND	ND	ND	ND
L3	33.5	ND		ND	ND	ND	ND
L3	35	ND		ND	ND	ND	ND
L4	1	ND		ND	ND	ND	ND
L4	12	ND	ND			ND	ND
L4	20	ND	ND			ND	ND
L4	27	ND	ND			ND	ND
L5	1.5	ND		ND	ND	ND	ND
L5	12.5	ND	ND			ND	ND
L5	20	ND	ND			ND	ND
L5	25	ND	ND			ND	ND
L5	30	ND	ND			ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFD-OS	O-PFTeDS	K-PFTeDS	PFTrD-OS	F5S-PFDS	K-PFNS
L5	31.5	ND	ND			ND	ND
L5	35	ND	ND			ND	ND
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5	ND		ND	ND	ND	ND
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1	ND	ND			ND	ND
L8	3	ND		ND	ND	ND	ND
L8	6.5	ND	ND			ND	ND
L8	12	ND	ND			ND	ND
L8	16	ND	ND			ND	ND
L8	20	ND	ND			ND	ND
L8	25	ND	ND			ND	ND
L8	29	ND	ND			ND	ND
L8	36	ND	ND			ND	ND
L8	39	ND	ND			ND	ND
L9	1.25	ND		ND	ND	ND	ND
L9	12	ND		ND	ND	ND	ND
L9	20	ND		ND	ND	ND	ND
L9	24	ND		ND	ND	ND	ND
L9	31	ND		ND	ND	ND	ND
SS1		0.06614115		ND	ND	ND	ND
SS2							
SS3							
B1	0.5	ND		ND	ND	ND	ND
B1	6.25						
B1	16.5	ND		ND	ND	ND	ND
B1	37.5						
B2	1.5	ND		ND	ND	ND	ND
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	PFD-OS	O-PFTeDS	K-PFTeDS	PFTrD-OS	F5S-PFDS	K-PFNS
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	O-PFHpS	H-PFHxDA	H-PFHxS	PFBSi	PFPeSi	PFHpSi
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1	<LOSQ		ND		ND	ND
L2	3						
L2	6	ND		ND		ND	ND
L2	12	ND		ND		ND	ND
L2	16	ND		ND		ND	ND
L2	20	ND		ND		ND	ND
L2	25	ND		ND		ND	ND
L2A	31	ND		ND		ND	ND
L2A	35	ND		ND		ND	ND
L3	1			<LOSQ	0.13024949	0.35318925	0.24151184
L3	3	0.06009619		0.04483994		0.09932429	0.04495617
L3	6			<LOSQ	ND	<LOSQ	ND
L3	12.5			ND	ND	ND	ND
L3	17			ND	ND	ND	ND
L3	20			ND	ND	ND	ND
L3	26.5			ND	ND	ND	ND
L3	29			ND	ND	ND	ND
L3	31			ND	ND	ND	ND
L3	33.5			ND	ND	ND	ND
L3	35			ND	ND	ND	ND
L4	1	ND		ND		ND	ND
L4	12	ND	ND				
L4	20	<LOSQ	ND				
L4	27	ND	ND				
L5	1.5	<LOSQ		ND		ND	ND
L5	12.5	ND	ND				
L5	20	ND	ND				
L5	25	ND	ND				
L5	30	ND	0.03940682				

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	O-PFHpS	H-PFHxDA	H-PFHxS	PFBSi	PFPeSi	PFHpSi
L5	31.5	ND	ND				
L5	35	ND	ND				
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5	ND		ND		ND	ND
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1	ND	ND				
L8	3	ND		ND		ND	ND
L8	6.5	ND	ND				
L8	12	ND	ND				
L8	16	ND	ND				
L8	20	ND	ND				
L8	25	ND	ND				
L8	29	ND	ND				
L8	36	ND	ND				
L8	39	ND	ND				
L9	1.25	ND		ND		ND	ND
L9	12			ND	ND	ND	ND
L9	20			ND	ND	ND	ND
L9	24			ND	ND	ND	ND
L9	31			ND	ND	ND	ND
SS1		<LOSQ		ND		ND	ND
SS2							
SS3							
B1	0.5			ND	ND	ND	ND
B1	6.25						
B1	16.5			ND	ND	ND	ND
B1	37.5						
B2	1.5	ND		ND		ND	ND
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	O-PFHpS	H-PFHxDA	H-PFHxS	PFBSi	PFPeSi	PFHpSi
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	UPFHxS	K-PFHxS	EtOH-Am-OHPr-FDoSA	EtOH-AmPr-FHpSAPrS	AmPr-FDSA	OAmPr-FPeSA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1	ND	ND				
L2	3						
L2	6	ND	ND				
L2	12	ND	ND				
L2	16	ND	ND				
L2	20	ND	ND				
L2	25	ND	ND				
L2A	31	ND	ND				
L2A	35	ND	ND				
L3	1			0.34019026	ND	ND	0.1789929
L3	3	0.12229206	0.12610288				
L3	6			ND	0.47326082	0.37100766	ND
L3	12.5			ND	ND	ND	ND
L3	17			ND	ND	ND	ND
L3	20			ND	ND	ND	ND
L3	26.5			ND	ND	ND	ND
L3	29			ND	ND	ND	ND
L3	31			ND	ND	ND	ND
L3	33.5			ND	ND	ND	ND
L3	35			ND	ND	ND	ND
L4	1	ND	ND				
L4	12						
L4	20						
L4	27						
L5	1.5	ND	ND				
L5	12.5						
L5	20						
L5	25						
L5	30						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	UPFHxS	K-PFHxS	EtOH-Am-OHPr-FDoSA	EtOH-AmPr-FHpSAPrS	AmPr-FDSA	OAmPr-FPeSA
L5	31.5						
L5	35						
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5	ND	ND				
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1						
L8	3	ND	ND				
L8	6.5						
L8	12						
L8	16						
L8	20						
L8	25						
L8	29						
L8	36						
L8	39						
L9	1.25	ND	ND				
L9	12			ND	ND	ND	ND
L9	20			ND	ND	ND	ND
L9	24			ND	ND	ND	ND
L9	31			ND	ND	ND	ND
SS1		ND	ND				
SS2							
SS3							
B1	0.5			ND	ND	ND	ND
B1	6.25						
B1	16.5			ND	ND	ND	ND
B1	37.5						
B2	1.5	ND	ND				
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	UPFHxS	K-PFHxS	EtOH-Am-OHPr-FDoSA	EtOH-AmPr-FHpSAPrS	AmPr-FDSA	OAmPr-FPeSA
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	OAmPr-FBSA	TAmPr-FDSA	AmPr-FDoSA	AmPr-FUdSA	BPr-FEtAd	EtOH-AmPr-FBSAPrS
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1						
L2	3						
L2	6						
L2	12						
L2	16						
L2	20						
L2	25						
L2A	31						
L2A	35						
L3	1	0.14477117	ND	ND	0.24897254	ND	<LOSQ
L3	3						
L3	6	ND	0.25414343	0.31608172	ND	ND	ND
L3	12.5	ND	ND	ND	ND	ND	ND
L3	17	ND	ND	ND	ND	ND	ND
L3	20	ND	ND	ND	ND	ND	ND
L3	26.5	ND	ND	ND	ND	ND	ND
L3	29	ND	ND	ND	ND	ND	ND
L3	31	ND	ND	ND	ND	ND	ND
L3	33.5	ND	ND	ND	ND	ND	ND
L3	35	ND	ND	ND	ND	ND	ND
L4	1						
L4	12						
L4	20						
L4	27						
L5	1.5						
L5	12.5						
L5	20						
L5	25						
L5	30						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	OAmPr-FBSA	TAmPr-FDSA	AmPr-FDoSA	AmPr-FUdSA	BPr-FEtAd	EtOH-AmPr-FBSAPrS
L5	31.5						
L5	35						
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5						
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1						
L8	3						
L8	6.5						
L8	12						
L8	16						
L8	20						
L8	25						
L8	29						
L8	36						
L8	39						
L9	1.25						
L9	12	ND	ND	ND	ND	ND	ND
L9	20	ND	ND	ND	ND	ND	ND
L9	24	ND	ND	ND	ND	<LOSQ	ND
L9	31	ND	ND	ND	ND	ND	ND
SS1							
SS2							
SS3							
B1	0.5	ND	ND	ND	ND	ND	ND
B1	6.25						
B1	16.5	ND	ND	ND	ND	ND	ND
B1	37.5						
B2	1.5						
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	OAmPr-FBSA	TAmPr-FDSA	AmPr-FDoSA	AmPr-FUdSA	BPr-FEtAd	EtOH-AmPr-FBSAPrS
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

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SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	CEtAmPr-FEtSA-PrA	TAmPr-N-MeFOSA	4:4 FTB	6:2 FTTh-EtAdPrAm	10:2 FTSO-PrAd-DiMePrS	8:2 FTSA-Pr-MeAA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1						
L2	3						
L2	6						
L2	12						
L2	16						
L2	20						
L2	25						
L2A	31						
L2A	35						
L3	1			ND	ND	0.15904652	0
L3	3						
L3	6			ND	4.32466096	ND	0
L3	12.5			ND	ND	ND	ND
L3	17			<LOSQ	ND	ND	ND
L3	20			ND	ND	ND	ND
L3	26.5			ND	ND	ND	ND
L3	29			ND	ND	ND	ND
L3	31			ND	ND	ND	ND
L3	33.5			ND	ND	ND	ND
L3	35			ND	ND	ND	ND
L4	1						
L4	12						
L4	20						
L4	27						
L5	1.5						
L5	12.5						
L5	20						
L5	25						
L5	30						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	CEtAmPr-FEtSA-PrA	TAmPr-N-MeFOSA	4:4 FTB	6:2 FTTh-EtAdPrAm	10:2 FTSO-PrAd-DiMePrS	8:2 FTSA-Pr-MeAA
L5	31.5						
L5	35						
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5						
L7	4	ND	0.16				
L7	11	ND	NA				
L7	14	ND	NA				
L7	16	ND	NA				
L7	20	ND	NA				
L7	25	ND	NA				
L7	28	ND	NA				
L7	30	0.37	NA				
L8	1						
L8	3						
L8	6.5						
L8	12						
L8	16						
L8	20						
L8	25						
L8	29						
L8	36						
L8	39						
L9	1.25						
L9	12			<LOSQ	ND	ND	ND
L9	20			ND	ND	ND	ND
L9	24			ND	ND	ND	ND
L9	31			ND	ND	ND	ND
SS1							
SS2							
SS3							
B1	0.5			ND	ND	ND	ND
B1	6.25						
B1	16.5			ND	ND	ND	ND
B1	37.5						
B2	1.5						
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	CEtAmPr-FEtSA-PrA	TAmPr-N-MeFOSA	4:4 FTB	6:2 FTTh-EtAdPrAm	10:2 FTSO-PrAd-DiMePrS	8:2 FTSA-Pr-MeAA
SS Blank	9						
SS Blank	10						
DUP2		ND	NA				
DUP4		ND	NA				
DUP5		ND	0.12				
DUP7		ND	NA				
DUP8		ND	NA				
DUP10		ND	0.10				
DUP11		ND	NA				
DUP12		0.30	NA				
SS		ND	NA				
SSBlank1		ND	NA				
SSBlank2		ND	NA				
SSBlank3		ND	NA				
SSBlank4		ND	NA				
SSBlank5		ND	NA				
SSBlank6		ND	NA				
SSBlank7		ND	NA				
SSBlank8		ND	NA				

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	4:2 FTSO2-EtAdPrTAm	6:2 FTSA-PrB	4:1 H-FT-TAm	12:2 FTSA-Pr-MeAn	TAmPr-N-MeFHxSA	TAmPr-N-MeFOSA
L1	1		ND			1.33	
L1	3		ND			<LOSQ	
L1	6.5		ND			<LOSQ	
L1	12.5		ND			ND	
L1	16		ND			0.19	
L1	20		ND			0.19	
L1	24		<LOSQ			ND	
L1	29.5		ND			ND	
L1	31		ND			ND	
L1	38		<LOSQ			ND	
L1	41		<LOSQ			ND	
L1	44.5		<LOSQ			ND	
L2	1					5.28	<LOSQ
L2	3		<LOSQ			0.42	
L2	6					ND	ND
L2	12					ND	ND
L2	16					ND	ND
L2	20					ND	ND
L2	25					ND	ND
L2A	31					ND	<LOSQ
L2A	35					ND	<LOSQ
L3	1		23.5978314	ND	1.33654519	1851.82482	103.465216
L3	3			ND		1188.96	61.05
L3	6		ND	ND	ND	121.084726	3.32291615
L3	12.5		ND	<LOSQ	ND	ND	ND
L3	17		ND	ND	ND	ND	ND
L3	20		ND	0.07599424	ND	ND	ND
L3	26.5		ND	ND	ND	ND	ND
L3	29		ND	ND	ND	ND	ND
L3	31		ND	ND	ND	ND	ND
L3	33.5		ND	ND	ND	ND	ND
L3	35		ND	ND	ND	ND	ND
L4	1					ND	ND
L4	12			ND		0.15	ND
L4	20			ND		ND	ND
L4	27			ND		ND	ND
L5	1.5			ND		3.27	ND
L5	12.5			ND		ND	ND
L5	20			ND		ND	ND
L5	25			ND		ND	ND
L5	30			ND		ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	4:2 FTSO2-EtAdPrTAm	6:2 FTSA-PrB	4:1 H-FT-TAm	12:2 FTSA-Pr-MeAn	TAmPr-N-MeFHxSA	TAmPr-N-MeFOSA
L5	31.5			ND		ND	ND
L5	35			ND		ND	ND
L6	1	ND					
L6	3.5		ND			0.59	
L6	6	ND					
L6	13	ND					
L6	18	ND					
L6	20	ND					
L6	26.5	ND					
L6	27	0.55					
L7	1.5					ND	<LOSQ
L7	4		16.82			2.01	
L7	11		ND			1.24	
L7	14		7.47			1.04	
L7	16		ND			NA	
L7	20		ND			NA	
L7	25		1.73			NA	
L7	28		ND			NA	
L7	30		ND			NA	
L8	1			ND		66.67	1.69
L8	3					20.77	<LOSQ
L8	6.5			ND		ND	ND
L8	12			0.06		ND	ND
L8	16			0.07		ND	ND
L8	20			ND		ND	ND
L8	25			ND		ND	ND
L8	29			0.05		ND	ND
L8	36			ND		ND	ND
L8	39			ND		ND	ND
L9	1.25					ND	ND
L9	12		ND	ND	ND	ND	ND
L9	20		ND	ND	ND	ND	ND
L9	24		ND	<LOSQ	ND	ND	ND
L9	31		ND	ND	ND	ND	ND
SS1						ND	<LOSQ
SS2		ND					
SS3		ND					
B1	0.5		ND	ND	ND	ND	ND
B1	6.25	ND					
B1	16.5		ND	ND	ND	ND	ND
B1	37.5	ND					
B2	1.5					ND	ND
B2	6	ND					
B2	16.5	ND					
B2	22	ND					

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	4:2 FTSO2-EtAdPrTAm	6:2 FTSA-PrB	4:1 H-FT-TAm	12:2 FTSA-Pr-MeAn	TAmPr-N-MeFHxSA	TAmPr-N-MeFOSA
SS Blank	9	ND					
SS Blank	10	ND					
DUP2			0.73			NA	
DUP4			ND			NA	
DUP5			11.42			1.79	
DUP7			ND			NA	
DUP8			ND			NA	
DUP10			1.01			3.70	
DUP11			<LOSQ			NA	
DUP12			ND			NA	
SS			ND			NA	
SSBlank1			ND			NA	
SSBlank2			ND			NA	
SSBlank3			ND			NA	
SSBlank4			ND			NA	
SSBlank5			ND			NA	
SSBlank6			ND			NA	
SSBlank7			ND			NA	
SSBlank8			ND			NA	

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-FHxSA	EtOH-AmPr-FHxSA	AmPr-FHxSA	AmPr-FOAd	SPrAmPr-FHxSA	BPr-FPeAd
L1	1		<LOSQ	ND	ND	ND	
L1	3		<LOSQ	ND	ND	<LOSQ	
L1	6.5		<LOSQ	ND	ND	ND	
L1	12.5		ND	ND	2.68	<LOSQ	
L1	16		ND	0.81	0.28	<LOSQ	
L1	20		<LOSQ	1.11	ND	<LOSQ	
L1	24		ND	ND	ND	<LOSQ	
L1	29.5		ND	ND	ND	ND	
L1	31		ND	ND	ND	ND	
L1	38		ND	ND	ND	ND	
L1	41		ND	ND	ND	ND	
L1	44.5		ND	ND	0.22	ND	
L2	1	ND	ND	ND	ND	ND	ND
L2	3		ND	ND	ND	<LOSQ	
L2	6	ND	ND	ND	ND	ND	0.92
L2	12	ND	ND	ND	<LOSQ	ND	ND
L2	16	ND	<LOSQ	2.90	0.27	<LOSQ	ND
L2	20	ND	<LOSQ	ND	<LOSQ	ND	0.66
L2	25	ND	ND	ND	ND	ND	ND
L2A	31	ND	ND	ND	ND	ND	ND
L2A	35	ND	ND	ND	ND	ND	ND
L3	1	900.936854	824.045466	160.867573	ND	7.84007025	0.60400175
L3	3	187.95	151.48	31.58	ND	31.31	ND
L3	6	186.738917	225.733844	45.8997193	ND	46.4254733	ND
L3	12.5	ND	ND	ND	0.26336075	<LOSQ	ND
L3	17	ND	0.24714317	ND	ND	<LOSQ	ND
L3	20	ND	ND	ND	ND	0.89940021	3.01648366
L3	26.5	ND	ND	ND	ND	ND	ND
L3	29	ND	ND	ND	ND	ND	ND
L3	31	ND	0.40366538	ND	ND	ND	ND
L3	33.5	ND	ND	ND	ND	ND	0.51755957
L3	35	ND	ND	ND	ND	ND	ND
L4	1	ND	ND	ND	ND	ND	ND
L4	12	ND	ND	ND	ND	<LOSQ	9.08
L4	20	ND	ND	ND	1.07	1.78	10.88
L4	27	ND	ND	ND	ND	<LOSQ	ND
L5	1.5	ND	ND	ND	ND	ND	ND
L5	12.5	ND	ND	ND	ND	<LOSQ	7.78
L5	20	ND	ND	ND	ND	ND	ND
L5	25	ND	ND	ND	ND	0.75	4.68
L5	30	ND	ND	ND	ND	ND	5.08

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-FHxSA	EtOH-AmPr-FHxSA	AmPr-FHxSA	AmPr-FOAd	SPrAmPr-FHxSA	BPr-FPeAd
L5	31.5	ND	ND	ND	ND	ND	9.45
L5	35	ND	ND	ND	ND	ND	ND
L6	1		ND		ND	ND	4.09
L6	3.5		<LOSQ	ND	ND	<LOSQ	
L6	6		ND		ND	ND	ND
L6	13		ND		ND	ND	ND
L6	18		ND		ND	ND	ND
L6	20		ND		ND	0.13	ND
L6	26.5		ND		ND	ND	ND
L6	27		ND		ND	ND	ND
L7	1.5	ND	ND	ND	ND	21.40	2.03
L7	4	1.91	0.36	1.73	1.73	16.82	ND
L7	11	1.03	ND	0.21	0.21	ND	ND
L7	14	1.38	ND	ND	ND	7.47	ND
L7	16	ND	ND	ND	ND	ND	ND
L7	20	ND	ND	ND	ND	ND	ND
L7	25	ND	ND	ND	ND	1.73	ND
L7	28	ND	ND	ND	ND	ND	ND
L7	30	ND	ND	ND	ND	ND	ND
L8	1	ND	2.51	0.92	0.70	ND	3.38
L8	3	ND	1.16	ND	ND	ND	ND
L8	6.5	ND	ND	ND	ND	ND	3.47
L8	12	ND	ND	ND	ND	ND	4.42
L8	16	ND	ND	ND	ND	<LOSQ	3.73
L8	20	ND	ND	ND	ND	0.41	4.08
L8	25	ND	ND	ND	ND	1.52	5.93
L8	29	ND	ND	ND	ND	ND	ND
L8	36	ND	ND	ND	ND	ND	2.73
L8	39	ND	ND	ND	ND	ND	ND
L9	1.25	ND	ND	ND	ND	ND	2.07
L9	12	ND	ND	ND	ND	<LOSQ	0.72156597
L9	20	ND	ND	ND	ND	0.19609675	ND
L9	24	ND	ND	ND	ND	0.34602885	ND
L9	31	ND	ND	ND	ND	ND	0.90296361
SS1		ND	ND	ND	ND	ND	ND
SS2			0.13		0.58	ND	2.51
SS3			ND		ND	ND	2.45
B1	0.5	ND	ND	ND	ND	ND	ND
B1	6.25		ND		ND	ND	ND
B1	16.5	ND	ND	ND	ND	ND	ND
B1	37.5		ND		ND	ND	ND
B2	1.5	ND	ND	ND	ND	ND	ND
B2	6		ND		ND	ND	ND
B2	16.5		ND		ND	ND	ND
B2	22		ND		ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-FHxSA	EtOH-AmPr-FHxSA	AmPr-FHxSA	AmPr-FOAd	SPrAmPr-FHxSA	BPr-FPeAd
SS Blank	9		ND		ND	ND	ND
SS Blank	10		ND		ND	ND	ND
DUP2		1.25	ND	0.74	0.74	0.73	4.17
DUP4		ND	ND	ND	ND	ND	ND
DUP5		1.61	0.42	6.64	6.64	11.42	ND
DUP7		ND	ND	ND	ND	ND	ND
DUP8		ND	ND	ND	ND	ND	ND
DUP10		0.36	0.36	ND	ND	1.01	2.73
DUP11		ND	ND	ND	ND	<LOSQ	ND
DUP12		ND	ND	ND	ND	ND	ND
SS		ND	ND	ND	ND	ND	ND
SSBlank1		ND	ND	ND	ND	ND	ND
SSBlank2		ND	ND	ND	ND	ND	ND
SSBlank3		ND	ND	ND	ND	ND	ND
SSBlank4		ND	ND	ND	ND	ND	ND
SSBlank5		ND	ND	ND	ND	ND	ND
SSBlank6		ND	ND	ND	ND	ND	ND
SSBlank7		ND	ND	ND	ND	ND	ND
SSBlank8		ND	ND	ND	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-FOSA	diOHBAmPr-FMSA	CMeAmPr-FHxSA	CMeAmPr-FHxSAA	OAmPr-FDoSA	TAmPr-N-MeFPeSA
L1	1			ND		ND	ND
L1	3			ND		ND	ND
L1	6.5			ND		ND	ND
L1	12.5			ND		ND	ND
L1	16			ND		ND	<LOSQ
L1	20			ND		ND	<LOSQ
L1	24			ND		ND	ND
L1	29.5			ND		0.23	ND
L1	31			ND		ND	ND
L1	38			ND		ND	ND
L1	41			ND		ND	ND
L1	44.5			ND		ND	ND
L2	1	<LOSQ		ND			ND
L2	3			ND		ND	<LOSQ
L2	6	ND		ND			ND
L2	12	ND		ND			ND
L2	16	ND		<LOSQ			0.57
L2	20	ND		ND			0.58
L2	25	ND		ND			ND
L2A	31	ND		ND			ND
L2A	35	ND		ND			ND
L3	1	98.4861956		44.2858137	8.33337901		90.2798472
L3	3	22.82		140.58	ND		94.79
L3	6	24.7150226		60.1981509	1.90885192		13.6252076
L3	12.5	ND		<LOSQ	ND		ND
L3	17	ND		0.16389358	ND		ND
L3	20	ND		ND	ND		ND
L3	26.5	ND		ND	ND		ND
L3	29	ND		ND	ND		ND
L3	31	0.11110605		<LOSQ	ND		ND
L3	33.5	ND		ND	ND		ND
L3	35	ND		ND	ND		ND
L4	1	ND		ND			ND
L4	12	ND		ND	ND		ND
L4	20	ND		ND	ND		ND
L4	27	ND		ND	ND		ND
L5	1.5	ND		ND	ND		ND
L5	12.5	ND		ND	ND		ND
L5	20	ND		ND	ND		ND
L5	25	ND		ND	ND		ND
L5	30	ND		ND	ND		ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-FOSA	diOHBAmPr-FMSA	CMeAmPr-FHxSA	CMeAmPr-FHxSAA	OAmPr-FDoSA	TAmPr-N-MeFPeSA
L5	31.5	ND		ND	ND		ND
L5	35	ND		ND	ND		ND
L6	1	ND	ND				
L6	3.5			<LOSQ		ND	<LOSQ
L6	6	ND	ND				
L6	13	ND	ND				
L6	18	ND	ND				
L6	20	ND	ND				
L6	26.5	ND	ND				
L6	27	ND	ND				
L7	1.5	ND		ND			ND
L7	4			4.87			ND
L7	11			ND			0.30
L7	14			0.40			0.27
L7	16			ND			ND
L7	20			ND			ND
L7	25			ND			ND
L7	28			ND			ND
L7	30			ND			ND
L8	1	ND		0.69	ND		0.95
L8	3	ND		ND			1.08
L8	6.5	ND		ND	ND		ND
L8	12	ND		ND	ND		ND
L8	16	ND		ND	ND		ND
L8	20	ND		ND	ND		ND
L8	25	ND		ND	ND		ND
L8	29	ND		ND	ND		ND
L8	36	ND		ND	ND		ND
L8	39	ND		ND	ND		ND
L9	1.25	ND		ND			ND
L9	12	ND		ND	ND		ND
L9	20	ND		ND	ND		ND
L9	24	ND		ND	ND		ND
L9	31	ND		ND	ND		ND
SS1		ND		ND			ND
SS2		0.18	ND				
SS3		ND	ND				
B1	0.5	ND		ND	ND		ND
B1	6.25	ND	ND				
B1	16.5	ND		ND	ND		ND
B1	37.5	ND	0.32				
B2	1.5	ND		ND			ND
B2	6	ND	ND				
B2	16.5	ND	ND				
B2	22	ND	ND				

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-FOSA	diOHBAmPr-FMSA	CMeAmPr-FHxSA	CMeAmPr-FHxSAA	OAmPr-FDoSA	TAmPr-N-MeFPeSA
SS Blank	9	ND	ND				
SS Blank	10	ND	ND				
DUP2				ND			ND
DUP4				ND			ND
DUP5				3.08			ND
DUP7				ND			ND
DUP8				ND			ND
DUP10				1.05			ND
DUP11				ND			ND
DUP12				ND			ND
SS				ND			ND
SSBlank1				ND			ND
SSBlank2				ND			ND
SSBlank3				ND			ND
SSBlank4				ND			ND
SSBlank5				ND			ND
SSBlank6				ND			ND
SSBlank7				ND			ND
SSBlank8				ND			ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-N-MeFBSA	TAmPr-FHxSAPrA	AmPr-FHxSA-PrA	EtOH-AmPr-FHxSA-EtOH	EtOH-AmPr-FOSA	EtOH-AmPr-FOSA-OHPrS
L1	1	ND		ND			
L1	3	<LOSQ		<LOSQ			
L1	6.5	ND		ND			
L1	12.5	ND		ND			
L1	16	0.20		ND			
L1	20	0.20		ND			
L1	24	<LOSQ		ND			
L1	29.5	ND		ND			
L1	31	ND		ND			
L1	38	ND		ND			
L1	41	ND		ND			
L1	44.5	ND		ND			
L2	1	ND		ND		ND	
L2	3	ND		ND			
L2	6	ND		ND		ND	
L2	12	ND		<LOSQ		ND	
L2	16	0.61		ND		ND	
L2	20	0.53		<LOSQ		ND	
L2	25	ND		ND		ND	
L2A	31	ND		ND		ND	
L2A	35	ND		ND		ND	
L3	1	40.3807523		8.43665023	45.1603849	89.6785057	1.71688834
L3	3	42.16	ND	6.50		17.41	0.72
L3	6	17.0904781		2.79817685	70.0085162	25.2078989	ND
L3	12.5	ND		ND	ND	ND	ND
L3	17	ND		ND	ND	ND	ND
L3	20	0.45511308		ND	ND	ND	ND
L3	26.5	ND		ND	ND	ND	ND
L3	29	ND		ND	ND	ND	ND
L3	31	ND		ND	<LOSQ	ND	ND
L3	33.5	ND		ND	ND	ND	ND
L3	35	ND		ND	ND	ND	ND
L4	1	ND		ND		ND	
L4	12	ND	ND	ND		ND	ND
L4	20	<LOSQ	ND	ND		ND	ND
L4	27	ND	ND	ND		ND	ND
L5	1.5	ND	ND	ND		ND	ND
L5	12.5	ND	ND	ND		ND	ND
L5	20	ND	ND	ND		ND	ND
L5	25	ND	ND	ND		ND	ND
L5	30	ND	ND	ND		ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-N-MeFBSA	TAmPr-FHxSAPrA	AmPr-FHxSA-PrA	EtOH-AmPr-FHxSA-EtOH	EtOH-AmPr-FOSA	EtOH-AmPr-FOSA-OHPrS
L5	31.5	ND	ND	ND		ND	ND
L5	35	ND	ND	ND		ND	ND
L6	1						
L6	3.5	ND		ND			
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5	ND		ND		ND	
L7	4	ND		<LOSQ			
L7	11	ND		ND			
L7	14	0.33		ND			
L7	16	0.08		ND			
L7	20	ND		ND			
L7	25	ND		ND			
L7	28	ND		ND			
L7	30	ND		ND			
L8	1	ND	1.81	ND		ND	ND
L8	3	ND		ND		ND	
L8	6.5	ND	0.07	ND		ND	ND
L8	12	ND	ND	ND		ND	ND
L8	16	ND	ND	ND		ND	ND
L8	20	ND	ND	ND		ND	ND
L8	25	ND	ND	ND		ND	ND
L8	29	ND	ND	ND		ND	ND
L8	36	ND	ND	ND		ND	ND
L8	39	ND	ND	ND		ND	ND
L9	1.25	ND		ND		ND	
L9	12	ND		ND	ND	ND	ND
L9	20	ND		ND	ND	ND	ND
L9	24	ND		0.19958401	ND	ND	ND
L9	31	ND		ND	ND	ND	ND
SS1		ND		ND		ND	
SS2							
SS3							
B1	0.5	ND		ND	ND	ND	ND
B1	6.25						
B1	16.5	ND		ND	ND	ND	ND
B1	37.5						
B2	1.5	ND		ND		ND	
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-N-MeFBSA	TAmPr-FHxSAPrA	AmPr-FHxSA-PrA	EtOH-AmPr-FHxSA-EtOH	EtOH-AmPr-FOSA	EtOH-AmPr-FOSA-OHPrS
SS Blank	9						
SS Blank	10						
DUP2		0.37		ND			
DUP4		ND		ND			
DUP5		ND		ND			
DUP7		ND		ND			
DUP8		ND		ND			
DUP10		ND		ND			
DUP11		ND		ND			
DUP12		ND		ND			
SS		ND		ND			
SSBlank1		ND		ND			
SSBlank2		ND		ND			
SSBlank3		ND		ND			
SSBlank4		ND		ND			
SSBlank5		ND		ND			
SSBlank6		ND		ND			
SSBlank7		ND		ND			
SSBlank8		ND		ND			

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-N-MeFHpSA	CMeAmPr-FBSAA	TAmPr-FPeSA	EtOH-AmPr-FPeSA	EtOH-AmPr-FPeSA-EtOH	diOHBAmPr-FHxSA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1	<LOSQ	ND	ND	ND		
L2	3						
L2	6	ND	ND	ND	ND		
L2	12	ND	ND	ND	ND		
L2	16	ND	ND	ND	ND		
L2	20	ND	ND	ND	ND		
L2	25	ND	ND	ND	ND		
L2A	31	ND	ND	ND	ND		
L2A	35	<LOSQ	ND	ND	ND		
L3	1	13.1786699		12.3433169	27.3635745	1.77628793	
L3	3	9.62	17.17	2.37	4.89		22.33
L3	6	0.86043806		12.0737267	20.5697106	5.89391076	
L3	12.5	ND		ND	ND	ND	
L3	17	ND		ND	ND	ND	
L3	20	ND		ND	ND	ND	
L3	26.5	ND		ND	ND	ND	
L3	29	ND		ND	ND	ND	
L3	31	ND		ND	ND	ND	
L3	33.5	ND		ND	ND	ND	
L3	35	ND		ND	ND	ND	
L4	1	<LOSQ	ND	ND	ND		
L4	12	ND	ND	ND	ND		ND
L4	20	ND	ND	ND	ND		ND
L4	27	ND	ND	ND	ND		ND
L5	1.5	ND	ND	ND	ND		ND
L5	12.5	ND	ND	ND	ND		ND
L5	20	ND	ND	ND	ND		ND
L5	25	ND	ND	ND	ND		ND
L5	30	ND	ND	ND	ND		ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-N-MeFHpSA	CMeAmPr-FBSAA	TAmPr-FPeSA	EtOH-AmPr-FPeSA	EtOH-AmPr-FPeSA-EtOH	diOHBAmPr-FHxSA
L5	31.5	ND	ND	ND	ND		ND
L5	35	ND	ND	ND	ND		ND
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5	ND	ND	ND	ND		
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1	0.51	ND	ND	ND		ND
L8	3	<LOSQ	ND	ND	ND		
L8	6.5	ND	ND	ND	ND		ND
L8	12	ND	ND	ND	ND		ND
L8	16	ND	ND	ND	ND		ND
L8	20	ND	ND	ND	ND		ND
L8	25	ND	ND	ND	ND		ND
L8	29	ND	ND	ND	ND		ND
L8	36	ND	ND	ND	ND		ND
L8	39	ND	ND	ND	ND		ND
L9	1.25	ND	ND	ND	ND		
L9	12	ND		ND	ND	ND	
L9	20	ND		ND	ND	ND	
L9	24	ND		ND	ND	ND	
L9	31	ND		ND	ND	ND	
SS1		<LOSQ	ND	ND	ND		
SS2							
SS3							
B1	0.5	ND		ND	ND	ND	
B1	6.25						
B1	16.5	ND		ND	ND	ND	
B1	37.5						
B2	1.5	ND	ND	ND	ND		
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-N-MeFHpSA	CMeAmPr-FBSAA	TAmPr-FPeSA	EtOH-AmPr-FPeSA	EtOH-AmPr-FPeSA-EtOH	diOHBAmPr-FHxSA
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	SPrAmPr-N-Me-FHxSA	AmPr-FOSA	EtOH-AmPr-FOSA-EtOH	SPrAmPr-FPeSA	EtOH-AmPr-FBSA	CMeAmPr-FPeSA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1		ND	ND	ND	ND	ND
L2	3						
L2	6		ND	ND	ND	ND	0.62
L2	12		ND	ND	ND	ND	ND
L2	16		ND	ND	ND	ND	ND
L2	20		ND	ND	ND	ND	ND
L2	25		ND	ND	ND	ND	ND
L2A	31		ND	ND	ND	ND	ND
L2A	35		ND	ND	ND	ND	ND
L3	1	99.109245	29.0632863	18.3171346	<LOSQ	5.42511498	0.89472974
L3	3	17.92	4.07		0.63	ND	ND
L3	6	ND	19.1114074	5.12233887	0.87509875	5.67872199	4.710184
L3	12.5	ND	ND	ND	ND	ND	ND
L3	17	ND	ND	ND	ND	ND	ND
L3	20	<LOSQ	ND	ND	ND	ND	ND
L3	26.5	ND	ND	ND	ND	ND	ND
L3	29	ND	ND	ND	ND	ND	ND
L3	31	ND	ND	ND	ND	ND	ND
L3	33.5	ND	ND	ND	ND	ND	ND
L3	35	ND	ND	ND	ND	ND	ND
L4	1		ND	ND	ND	ND	ND
L4	12	ND	ND		ND	ND	ND
L4	20	ND	ND		ND	ND	ND
L4	27	ND	ND		ND	ND	ND
L5	1.5	ND	ND		ND	ND	ND
L5	12.5	ND	ND		ND	ND	ND
L5	20	ND	ND		ND	ND	ND
L5	25	ND	ND		ND	ND	ND
L5	30	ND	ND		ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	SPrAmPr-N-Me-FHxSA	AmPr-FOSA	EtOH-AmPr-FOSA-EtOH	SPrAmPr-FPeSA	EtOH-AmPr-FBSA	CMeAmPr-FPeSA
L5	31.5	ND	ND		ND	ND	ND
L5	35	ND	ND		ND	ND	ND
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5		ND	ND	2.03	ND	0.56
L7	4	0.63	<LOSQ		0.42		
L7	11	ND	ND		ND		
L7	14	ND	ND		ND		
L7	16	ND	ND		ND		
L7	20	ND	ND		ND		
L7	25	ND	ND		ND		
L7	28	ND	ND		ND		
L7	30	ND	ND		ND		
L8	1	ND	ND		ND	ND	ND
L8	3		ND	ND	ND	ND	ND
L8	6.5	ND	ND		ND	ND	ND
L8	12	ND	ND		ND	ND	ND
L8	16	ND	ND		ND	ND	ND
L8	20	ND	ND		ND	ND	ND
L8	25	0.39	ND		ND	ND	ND
L8	29	ND	ND		ND	ND	ND
L8	36	ND	ND		ND	ND	ND
L8	39	ND	ND		ND	ND	ND
L9	1.25		ND	ND	ND	ND	ND
L9	12	ND	ND	ND	ND	ND	ND
L9	20	ND	ND	ND	ND	ND	ND
L9	24	ND	ND	ND	ND	ND	ND
L9	31	ND	ND	ND	ND	ND	ND
SS1			ND	ND	ND	ND	ND
SS2							
SS3							
B1	0.5	ND	ND	ND	ND	ND	ND
B1	6.25						
B1	16.5	ND	ND	ND	ND	ND	ND
B1	37.5						
B2	1.5		ND	ND	ND	ND	ND
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	SPrAmPr-N-Me-FHxSA	AmPr-FOSA	EtOH-AmPr-FOSA-EtOH	SPrAmPr-FPeSA	EtOH-AmPr-FBSA	CMeAmPr-FPeSA
SS Blank	9						
SS Blank	10						
DUP2		ND	ND		ND		
DUP4		ND	ND		ND		
DUP5		ND	ND		0.51		
DUP7		ND	ND		ND		
DUP8		ND	ND		ND		
DUP10		ND	ND		ND		
DUP11		ND	ND		ND		
DUP12		ND	ND		ND		
SS		ND	ND		ND		
SSBlank1		ND	ND		ND		
SSBlank2		ND	ND		ND		
SSBlank3		ND	ND		ND		
SSBlank4		ND	ND		ND		
SSBlank5		ND	ND		ND		
SSBlank6		ND	ND		ND		
SSBlank7		ND	ND		ND		
SSBlank8		ND	ND		ND		

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	OAmPr-FOSA	S-OHPrAmPr-FHxSAA	Am-CPr-FHpSA	S-OHPrAmPr-FHxSA-OHPrS	CMeAmPr-FPeSAPrA	TAmPr-FBSA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1						ND
L2	3						
L2	6						ND
L2	12						ND
L2	16						ND
L2	20						ND
L2	25						ND
L2A	31						ND
L2A	35						ND
L3	1	ND	<LOSQ	ND	ND	0.675871	1.87920134
L3	3					ND	ND
L3	6	0.53633101	0.54107855	0.56841188	0.71710219	ND	1.75997741
L3	12.5	ND	ND	ND	ND	ND	ND
L3	17	ND	ND	ND	ND	ND	ND
L3	20	ND	ND	ND	ND	ND	ND
L3	26.5	ND	ND	ND	ND	ND	ND
L3	29	ND	ND	ND	ND	ND	ND
L3	31	ND	ND	ND	ND	ND	ND
L3	33.5	ND	ND	ND	ND	ND	ND
L3	35	ND	ND	ND	ND	ND	ND
L4	1						ND
L4	12					ND	ND
L4	20					ND	ND
L4	27					ND	ND
L5	1.5					ND	ND
L5	12.5					ND	ND
L5	20					ND	ND
L5	25					ND	ND
L5	30					ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	OAmPr-FOSA	S-OHPrAmPr-FHxSAA	Am-CPr-FHpSA	S-OHPrAmPr-FHxSA-OHPrS	CMeAmPr-FPeSAPrA	TAmPr-FBSA
L5	31.5					ND	ND
L5	35					ND	ND
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5						ND
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1					ND	ND
L8	3						ND
L8	6.5					ND	ND
L8	12					ND	ND
L8	16					ND	ND
L8	20					ND	ND
L8	25					ND	ND
L8	29					ND	ND
L8	36					ND	ND
L8	39					ND	ND
L9	1.25						ND
L9	12	ND	ND	ND	ND	ND	ND
L9	20	ND	ND	ND	ND	ND	ND
L9	24	ND	ND	ND	ND	ND	ND
L9	31	ND	ND	ND	ND	ND	ND
SS1							ND
SS2							
SS3							
B1	0.5	ND	ND	ND	ND	ND	ND
B1	6.25						
B1	16.5	ND	ND	ND	ND	ND	ND
B1	37.5						
B2	1.5						ND
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	OAmPr-FOSA	S-OHPrAmPr-FHxSAA	Am-CPr-FHpSA	S-OHPrAmPr-FHxSA-OHPrS	CMeAmPr-FPeSAPrA	TAmPr-FBSA
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	Am-CPr-FOSA	SPrAmPr-FBSA	CMeAmPr-FBSA	TAmPr-N-MeFPrSA	AmPr-FPeSA	SPrAmPr-FOSA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1	ND	<LOSQ	ND	ND	ND	
L2	3						
L2	6	ND	ND	<LOSQ	ND	ND	
L2	12	ND	ND	ND	ND	ND	
L2	16	ND	ND	ND	<LOSQ	<LOSQ	
L2	20	ND	ND	ND	ND	ND	
L2	25	ND	ND	ND	ND	ND	
L2A	31	ND	ND	ND	<LOSQ	ND	
L2A	35	ND	ND	ND	<LOSQ	ND	
L3	1	ND	ND	<LOSQ	1.95726358	4.19548442	25.6150348
L3	3		ND	0.52		0.98	16.34
L3	6	26.1802598	0.12083596	ND	1.26149463	ND	9.84685609
L3	12.5	ND	ND	ND	ND	ND	ND
L3	17	ND	ND	ND	ND	ND	ND
L3	20	0.64518824	ND	ND	ND	ND	ND
L3	26.5	ND	ND	ND	ND	ND	ND
L3	29	ND	ND	ND	ND	ND	ND
L3	31	ND	ND	ND	ND	ND	ND
L3	33.5	ND	ND	ND	ND	ND	ND
L3	35	ND	ND	ND	ND	ND	ND
L4	1	ND	ND	ND	ND	ND	
L4	12		ND	ND		ND	ND
L4	20		ND	ND		ND	ND
L4	27		ND	ND		ND	ND
L5	1.5		ND	ND		ND	ND
L5	12.5		ND	ND		ND	ND
L5	20		ND	ND		ND	ND
L5	25		ND	ND		ND	ND
L5	30		ND	ND		ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	Am-CPr-FOSA	SPrAmPr-FBSA	CMeAmPr-FBSA	TAmPr-N-MeFPrSA	AmPr-FPeSA	SPrAmPr-FOSA
L5	31.5		ND	ND		ND	ND
L5	35		ND	ND		ND	ND
L6	1					ND	
L6	3.5						
L6	6					ND	
L6	13					ND	
L6	18					0.18	
L6	20					ND	
L6	26.5					ND	
L6	27					ND	
L7	1.5	ND	<LOSQ	ND	ND	ND	
L7	4		ND		ND		
L7	11		<LOSQ		ND		
L7	14		0.25		0.21		
L7	16		ND		ND		
L7	20		ND		ND		
L7	25		ND		ND		
L7	28		ND		ND		
L7	30		ND		ND		
L8	1		ND	ND		ND	ND
L8	3	ND	ND	ND	ND	ND	
L8	6.5		ND	ND		ND	ND
L8	12		ND	ND		ND	ND
L8	16		ND	ND		ND	ND
L8	20		ND	ND		ND	ND
L8	25		ND	ND		ND	ND
L8	29		ND	ND		ND	ND
L8	36		ND	ND		ND	ND
L8	39		ND	ND		ND	ND
L9	1.25	ND	ND	ND	ND	ND	
L9	12	ND	ND	ND	ND	ND	ND
L9	20	ND	ND	ND	ND	ND	ND
L9	24	ND	ND	ND	ND	ND	ND
L9	31	ND	ND	ND	ND	ND	ND
SS1		ND	ND	ND	<LOSQ	ND	
SS2						ND	
SS3						ND	
B1	0.5	ND	ND	ND	ND	ND	ND
B1	6.25					ND	
B1	16.5	ND	ND	ND	ND	ND	ND
B1	37.5					ND	
B2	1.5	ND	ND	ND	ND	ND	
B2	6					ND	
B2	16.5					ND	
B2	22					ND	

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	Am-CPr-FOSA	SPrAmPr-FBSA	CMeAmPr-FBSA	TAmPr-N-MeFPrSA	AmPr-FPeSA	SPrAmPr-FOSA
SS Blank	9					ND	
SS Blank	10					ND	
DUP2			ND		0.09		
DUP4			ND		ND		
DUP5			0.42		ND		
DUP7			ND		ND		
DUP8			ND		ND		
DUP10			ND		ND		
DUP11			ND		ND		
DUP12			ND		ND		
SS			ND		ND		
SSBlank1			ND		ND		
SSBlank2			ND		ND		
SSBlank3			ND		ND		
SSBlank4			ND		ND		
SSBlank5			ND		ND		
SSBlank6			ND		ND		
SSBlank7			ND		ND		
SSBlank8			ND		ND		

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	SPrAmPr-FOSAPrS	SPrAmPr-FOSAA	TAmPr-FHpSA	EtOH-AmPr-FHxSAPrS	Am-CPr-FDSA	CMeAmPr-FOSA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1						
L2	3						
L2	6						
L2	12						
L2	16						
L2	20						
L2	25						
L2A	31						
L2A	35						
L3	1	7.2877114	ND	10.519704	19.9034207	14.8065427	21.6628434
L3	3	2.72	2.72	2.75	15.04	4.87	4.85
L3	6	0.91662906	0.30173387	4.48556665	4.34699821	7.86339007	ND
L3	12.5	ND	ND	ND	ND	ND	ND
L3	17	ND	ND	ND	ND	ND	ND
L3	20	ND	ND	ND	ND	ND	ND
L3	26.5	ND	ND	ND	ND	ND	ND
L3	29	ND	ND	ND	ND	ND	ND
L3	31	ND	ND	ND	ND	ND	ND
L3	33.5	ND	ND	ND	ND	ND	ND
L3	35	ND	ND	ND	ND	ND	ND
L4	1						
L4	12	ND	ND	ND	ND	ND	ND
L4	20	ND	ND	ND	ND	ND	ND
L4	27	ND	ND	ND	ND	ND	ND
L5	1.5	ND	ND	ND	ND	ND	ND
L5	12.5	ND	ND	ND	ND	ND	ND
L5	20	ND	ND	ND	ND	ND	ND
L5	25	ND	ND	ND	ND	ND	ND
L5	30	ND	ND	ND	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	SPrAmPr-FOSAPrS	SPrAmPr-FOSAA	TAmPr-FHpSA	EtOH-AmPr-FHxSAPrS	Am-CPr-FDSA	CMeAmPr-FOSA
L5	31.5	ND	ND	ND	ND	ND	ND
L5	35	ND	ND	ND	ND	ND	ND
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5						
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1	ND	ND	ND	ND	ND	ND
L8	3						
L8	6.5	ND	ND	ND	ND	ND	ND
L8	12	ND	ND	ND	ND	ND	ND
L8	16	ND	ND	ND	ND	ND	ND
L8	20	ND	ND	ND	ND	ND	ND
L8	25	ND	ND	ND	0.82	ND	ND
L8	29	ND	ND	ND	ND	ND	ND
L8	36	ND	ND	ND	ND	ND	ND
L8	39	ND	ND	ND	ND	ND	ND
L9	1.25						
L9	12	ND	ND	ND	ND	ND	ND
L9	20	ND	ND	ND	ND	ND	ND
L9	24	ND	ND	ND	ND	ND	ND
L9	31	ND	ND	ND	ND	ND	ND
SS1							
SS2							
SS3							
B1	0.5	ND	ND	ND	ND	ND	ND
B1	6.25						
B1	16.5	ND	ND	ND	ND	ND	ND
B1	37.5						
B2	1.5						
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	SPrAmPr-FOSAPrS	SPrAmPr-FOSAA	TAmPr-FHpSA	EtOH-AmPr-FHxSAPrS	Am-CPr-FDSA	CMeAmPr-FOSA
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	EtOH-AmPr-FHpSA	SPrAmPr-N-Me-FOSA	diOHBAmPr-FPeSA	EtOH-AmPr-FOSAPrS	SPrAmPr-FHpSA	EtOH-AmPr-FBSA-EtOH
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1						
L2	3						
L2	6						
L2	12						
L2	16						
L2	20						
L2	25						
L2A	31						
L2A	35						
L3	1	11.0494395	10.554792	2.69807787	5.33031479		ND
L3	3	3.21	4.74	ND	2.97	3.39	
L3	6	4.782236	3.16529726	7.07634317	4.0260185		6.99378948
L3	12.5	ND	ND	ND	ND		ND
L3	17	ND	ND	ND	ND		ND
L3	20	ND	ND	ND	ND		ND
L3	26.5	ND	ND	ND	ND		ND
L3	29	ND	ND	ND	ND		ND
L3	31	ND	ND	ND	ND		ND
L3	33.5	ND	ND	ND	ND		ND
L3	35	ND	ND	ND	ND		ND
L4	1						
L4	12	ND	ND	ND	ND	ND	
L4	20	ND	ND	ND	ND	ND	
L4	27	ND	ND	ND	ND	ND	
L5	1.5	ND	ND	ND	ND	ND	
L5	12.5	ND	ND	ND	ND	ND	
L5	20	ND	ND	ND	ND	ND	
L5	25	ND	ND	ND	ND	ND	
L5	30	ND	ND	ND	ND	ND	

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	EtOH-AmPr-FHpSA	SPrAmPr-N-Me-FOSA	diOHBAmPr-FPeSA	EtOH-AmPr-FOSAPrS	SPrAmPr-FHpSA	EtOH-AmPr-FBSA-EtOH
L5	31.5	ND	ND	ND	ND	ND	
L5	35	ND	ND	ND	ND	ND	
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5						
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1	ND	ND	ND	ND	ND	
L8	3						
L8	6.5	ND	ND	ND	ND	ND	
L8	12	ND	ND	ND	ND	ND	
L8	16	ND	ND	ND	ND	ND	
L8	20	ND	ND	ND	ND	ND	
L8	25	ND	ND	ND	ND	ND	
L8	29	ND	ND	ND	ND	ND	
L8	36	ND	ND	ND	ND	ND	
L8	39	ND	ND	ND	ND	ND	
L9	1.25						
L9	12	ND	ND	ND	ND		ND
L9	20	ND	ND	ND	ND		ND
L9	24	ND	ND	ND	ND		ND
L9	31	ND	ND	ND	ND		ND
SS1							
SS2							
SS3							
B1	0.5	ND	ND	ND	ND		ND
B1	6.25						
B1	16.5	ND	ND	ND	ND		ND
B1	37.5						
B2	1.5						
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	EtOH-AmPr-FHpSA	SPrAmPr-N-Me-FOSA	diOHBAmPr-FPeSA	EtOH-AmPr-FOSAPrS	SPrAmPr-FHpSA	EtOH-AmPr-FBSA-EtOH
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	AmPr-FPrSA	AmPr-FHpSA	CEtAmPr-FOSA	EtOH-AmPr-FDoSA	CMeAmPr-FHpSA	EtOH-AmPr-FHxSA-OHPrS
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1						
L2	3						
L2	6						
L2	12						
L2	16						
L2	20						
L2	25						
L2A	31						
L2A	35						
L3	1	0.39470148	2.51287542	7.37419956		1.18006226	1.93177723
L3	3		ND		2.59	1.13	1.78
L3	6	ND	1.73113262	ND		0.52952935	ND
L3	12.5	ND	ND	ND		ND	ND
L3	17	ND	ND	ND		ND	ND
L3	20	ND	ND	ND		ND	ND
L3	26.5	ND	ND	ND		ND	ND
L3	29	ND	ND	ND		ND	ND
L3	31	ND	ND	ND		ND	ND
L3	33.5	ND	ND	ND		ND	ND
L3	35	ND	ND	ND		ND	ND
L4	1						
L4	12		ND		ND	ND	ND
L4	20		ND		ND	ND	ND
L4	27		ND		ND	ND	ND
L5	1.5		ND		ND	ND	ND
L5	12.5		ND		ND	ND	ND
L5	20		ND		ND	ND	ND
L5	25		ND		ND	ND	ND
L5	30		ND		ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	AmPr-FPrSA	AmPr-FHpSA	CEtAmPr-FOSA	EtOH-AmPr-FDoSA	CMeAmPr-FHpSA	EtOH-AmPr-FHxSA-OHPrS
L5	31.5		ND		ND	ND	ND
L5	35		ND		ND	ND	ND
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5						
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1		ND		ND	ND	ND
L8	3						
L8	6.5		ND		ND	ND	ND
L8	12		ND		ND	ND	ND
L8	16		ND		ND	ND	ND
L8	20		ND		ND	ND	ND
L8	25		ND		ND	ND	ND
L8	29		ND		ND	ND	ND
L8	36		ND		ND	ND	ND
L8	39		ND		ND	ND	ND
L9	1.25						
L9	12	ND	ND	ND		ND	ND
L9	20	ND	ND	ND		ND	ND
L9	24	ND	ND	ND		ND	ND
L9	31	ND	ND	ND		ND	ND
SS1							
SS2							
SS3							
B1	0.5	ND	ND	ND		ND	ND
B1	6.25						
B1	16.5	ND	ND	ND		ND	ND
B1	37.5						
B2	1.5						
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	AmPr-FPrSA	AmPr-FHpSA	CEtAmPr-FOSA	EtOH-AmPr-FDoSA	CMeAmPr-FHpSA	EtOH-AmPr-FHxSA-OHPrS
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	SPrAmPr-FHxSAPrS	SPr-EtOHAm-Pr-FOSA	TAmPr-N-MeFUdSA	SPr-EtOHAm-Pr-FHxSA	S-OHPrAmPr-FOSAA	TAmPr-FDoSA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1						
L2	3						
L2	6						
L2	12						
L2	16						
L2	20						
L2	25						
L2A	31						
L2A	35						
L3	1	ND	ND	0.79302897	1.96562778	ND	1.87992971
L3	3	ND	<LOSQ	0.58	ND	1.02	ND
L3	6	3.04057281	0.20242925	ND	ND	<LOSQ	ND
L3	12.5	ND	ND	ND	ND	ND	ND
L3	17	ND	ND	ND	ND	ND	ND
L3	20	ND	ND	ND	ND	ND	ND
L3	26.5	ND	ND	ND	ND	ND	ND
L3	29	ND	ND	ND	ND	ND	ND
L3	31	ND	ND	ND	ND	ND	ND
L3	33.5	ND	ND	ND	ND	ND	ND
L3	35	ND	ND	ND	ND	ND	ND
L4	1						
L4	12	ND	ND	ND	ND	ND	ND
L4	20	ND	ND	ND	ND	ND	ND
L4	27	ND	ND	ND	ND	ND	ND
L5	1.5	ND	ND	ND	ND	ND	ND
L5	12.5	ND	ND	ND	ND	ND	ND
L5	20	ND	ND	ND	ND	ND	ND
L5	25	ND	ND	ND	ND	ND	ND
L5	30	ND	ND	ND	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	SPrAmPr-FHxSAPrS	SPr-EtOHAm-Pr-FOSA	TAmPr-N-MeFUdSA	SPr-EtOHAm-Pr-FHxSA	S-OHPrAmPr-FOSAA	TAmPr-FDoSA
L5	31.5	ND	ND	ND	ND	ND	ND
L5	35	ND	ND	ND	ND	ND	ND
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5						
L7	4				<LOSQ		
L7	11				ND		
L7	14				ND		
L7	16				ND		
L7	20				ND		
L7	25				ND		
L7	28				ND		
L7	30				ND		
L8	1	ND	ND	ND	ND	ND	ND
L8	3						
L8	6.5	ND	ND	ND	ND	ND	ND
L8	12	ND	ND	ND	ND	ND	ND
L8	16	ND	ND	ND	ND	ND	ND
L8	20	ND	ND	ND	ND	ND	ND
L8	25	ND	ND	ND	ND	ND	ND
L8	29	ND	ND	ND	ND	ND	ND
L8	36	ND	ND	ND	ND	ND	ND
L8	39	ND	ND	ND	ND	ND	ND
L9	1.25						
L9	12	ND	ND	ND	ND	ND	ND
L9	20	ND	ND	ND	ND	ND	ND
L9	24	ND	ND	ND	ND	ND	ND
L9	31	ND	ND	ND	ND	ND	ND
SS1							
SS2							
SS3							
B1	0.5	ND	ND	ND	ND	ND	ND
B1	6.25						
B1	16.5	ND	ND	ND	ND	ND	ND
B1	37.5						
B2	1.5						
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	SPrAmPr-FHxSAPrS	SPr-EtOHAm-Pr-FOSA	TAmPr-N-MeFUdSA	SPr-EtOHAm-Pr-FHxSA	S-OHPrAmPr-FOSAA	TAmPr-FDoSA
SS Blank	9						
SS Blank	10						
DUP2					ND		
DUP4					ND		
DUP5					ND		
DUP7					ND		
DUP8					ND		
DUP10					ND		
DUP11					ND		
DUP12					ND		
SS					ND		
SSBlank1					ND		
SSBlank2					ND		
SSBlank3					ND		
SSBlank4					ND		
SSBlank5					ND		
SSBlank6					ND		
SSBlank7					ND		
SSBlank8					ND		

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-FOSAPrA	AmPr-FBSA	TAmPr-N-MeFNSA	TAmPr-N-MeFDoSA	EtOH-AmPr-FNSA	EtOH-Am-OHPr-FHxSA
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1						
L2	3						
L2	6						
L2	12						
L2	16						
L2	20						
L2	25						
L2A	31						
L2A	35						
L3	1	1.02442146	2.2482713	2.19704696	1.41469996	1.68976954	ND
L3	3	ND					
L3	6	ND	0.52139333	ND	ND	ND	0.99341068
L3	12.5	ND	ND	ND	ND	ND	ND
L3	17	ND	ND	ND	ND	ND	ND
L3	20	ND	ND	ND	ND	ND	ND
L3	26.5	ND	ND	ND	ND	ND	ND
L3	29	ND	ND	ND	ND	ND	ND
L3	31	ND	ND	ND	ND	ND	ND
L3	33.5	ND	ND	ND	ND	ND	ND
L3	35	ND	ND	ND	ND	ND	ND
L4	1						
L4	12	ND					
L4	20	ND					
L4	27	ND					
L5	1.5	ND					
L5	12.5	ND					
L5	20	ND					
L5	25	ND					
L5	30	ND					

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-FOSAPrA	AmPr-FBSA	TAmPr-N-MeFNSA	TAmPr-N-MeFDoSA	EtOH-AmPr-FNSA	EtOH-Am-OHPr-FHxSA
L5	31.5	ND					
L5	35	ND					
L6	1						
L6	3.5						
L6	6						
L6	13						
L6	18						
L6	20						
L6	26.5						
L6	27						
L7	1.5						
L7	4						
L7	11						
L7	14						
L7	16						
L7	20						
L7	25						
L7	28						
L7	30						
L8	1	0.10					
L8	3						
L8	6.5	ND					
L8	12	ND					
L8	16	ND					
L8	20	ND					
L8	25	ND					
L8	29	ND					
L8	36	ND					
L8	39	ND					
L9	1.25						
L9	12	ND	ND	ND	ND	ND	ND
L9	20	ND	ND	ND	ND	ND	ND
L9	24	ND	ND	ND	ND	ND	ND
L9	31	ND	ND	ND	ND	ND	ND
SS1							
SS2							
SS3							
B1	0.5	ND	ND	ND	ND	ND	ND
B1	6.25						
B1	16.5	ND	ND	ND	ND	ND	ND
B1	37.5						
B2	1.5						
B2	6						
B2	16.5						
B2	22						

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	TAmPr-FOSAPrA	AmPr-FBSA	TAmPr-N-MeFNSA	TAmPr-N-MeFDoSA	EtOH-AmPr-FNSA	EtOH-Am-OHPr-FHxSA
SS Blank	9						
SS Blank	10						
DUP2							
DUP4							
DUP5							
DUP7							
DUP8							
DUP10							
DUP11							
DUP12							
SS							
SSBlank1							
SSBlank2							
SSBlank3							
SSBlank4							
SSBlank5							
SSBlank6							
SSBlank7							
SSBlank8							

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	CMeAmPr-FPrSAA	AmPr-FNSA	Class 38-9	Class 38-11	Class 38-10	Class 38-5
L1	1						
L1	3						
L1	6.5						
L1	12.5						
L1	16						
L1	20						
L1	24						
L1	29.5						
L1	31						
L1	38						
L1	41						
L1	44.5						
L2	1						
L2	3						
L2	6						
L2	12						
L2	16						
L2	20						
L2	25						
L2A	31						
L2A	35						
L3	1	0.7664418	0.64690946	0.70263784	0.54382186	0.3775825	1433.88266
L3	3						886.05
L3	6	ND	0.36771168	ND	ND	ND	28.5473413
L3	12.5	ND	ND	ND	ND	ND	ND
L3	17	ND	ND	ND	ND	ND	ND
L3	20	ND	ND	ND	ND	ND	ND
L3	26.5	ND	ND	ND	ND	ND	ND
L3	29	ND	ND	ND	ND	ND	ND
L3	31	ND	ND	ND	ND	ND	ND
L3	33.5	ND	ND	ND	ND	ND	ND
L3	35	ND	ND	ND	ND	ND	ND
L4	1						
L4	12						ND
L4	20						ND
L4	27						ND
L5	1.5						25.94
L5	12.5						ND
L5	20						ND
L5	25						ND
L5	30						ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	CMeAmPr-FPrSAA	AmPr-FNSA	Class 38-9	Class 38-11	Class 38-10	Class 38-5
L5	31.5						ND
L5	35						ND
L6	1						0.73
L6	3.5						
L6	6						ND
L6	13						ND
L6	18						ND
L6	20						ND
L6	26.5						ND
L6	27						ND
L7	1.5						
L7	4						1.64
L7	11						ND
L7	14						ND
L7	16						ND
L7	20						ND
L7	25						ND
L7	28						ND
L7	30						ND
L8	1						112.05
L8	3						
L8	6.5						ND
L8	12						ND
L8	16						ND
L8	20						ND
L8	25						ND
L8	29						ND
L8	36						ND
L8	39						ND
L9	1.25						
L9	12	ND	ND	ND	ND	ND	ND
L9	20	ND	ND	ND	ND	ND	ND
L9	24	ND	ND	ND	ND	ND	ND
L9	31	ND	ND	ND	ND	ND	ND
SS1							
SS2							6.74
SS3							1.85
B1	0.5	ND	ND	ND	ND	ND	ND
B1	6.25						ND
B1	16.5	ND	ND	ND	ND	ND	ND
B1	37.5						ND
B2	1.5						
B2	6						ND
B2	16.5						ND
B2	22						ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF FENTRESS

Location	Depth (ft bgs)	CMeAmPr-FPrSAA	AmPr-FNSA	Class 38-9	Class 38-11	Class 38-10	Class 38-5
SS Blank	9						ND
SS Blank	10						ND
DUP2							ND
DUP4							ND
DUP5							1.42
DUP7							ND
DUP8							ND
DUP10							1.74
DUP11							ND
DUP12							ND
SS							ND
SSBlank1							ND
SSBlank2							ND
SSBlank3							ND
SSBlank4							ND
SSBlank5							ND
SSBlank6							ND
SSBlank7							ND
SSBlank8							ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF

Location	Depth (ft bgs)	Class 38-4	Class 38-7	Class 38-3	Class 38-6	Class 38-8
L1	1					
L1	3					
L1	6.5					
L1	12.5					
L1	16					
L1	20					
L1	24					
L1	29.5					
L1	31					
L1	38					
L1	41					
L1	44.5					
L2	1					
L2	3					
L2	6					
L2	12					
L2	16					
L2	20					
L2	25					
L2A	31					
L2A	35					
L3	1	84.6068953	89.095704		13.6533898	
L3	3	ND	43.09	ND	7.58	0.79
L3	6	1.36891022	1.30814555		0.24854752	
L3	12.5	ND	ND		ND	
L3	17	ND	ND		ND	
L3	20	ND	ND		ND	
L3	26.5	ND	ND		ND	
L3	29	ND	ND		ND	
L3	31	ND	ND		ND	
L3	33.5	ND	ND		ND	
L3	35	ND	ND		ND	
L4	1					
L4	12	ND	ND	ND	ND	ND
L4	20	ND	ND	ND	ND	ND
L4	27	ND	ND	ND	ND	ND
L5	1.5	ND	1.70	ND	ND	ND
L5	12.5	ND	ND	ND	ND	ND
L5	20	ND	ND	ND	ND	ND
L5	25	ND	ND	ND	ND	ND
L5	30	ND	ND	ND	ND	ND

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF

Location	Depth (ft bgs)	Class 38-4	Class 38-7	Class 38-3	Class 38-6	Class 38-8
L5	31.5	ND	ND	ND	ND	ND
L5	35	ND	ND	ND	ND	ND
L6	1					
L6	3.5					
L6	6					
L6	13					
L6	18					
L6	20					
L6	26.5					
L6	27					
L7	1.5					
L7	4					
L7	11					
L7	14					
L7	16					
L7	20					
L7	25					
L7	28					
L7	30					
L8	1	10.27	3.14	7.00	0.72	ND
L8	3					
L8	6.5	ND	ND	ND	ND	ND
L8	12	ND	ND	ND	ND	ND
L8	16	ND	ND	ND	ND	ND
L8	20	ND	ND	ND	ND	ND
L8	25	ND	ND	ND	ND	ND
L8	29	ND	ND	ND	ND	ND
L8	36	ND	ND	ND	ND	ND
L8	39	ND	ND	ND	ND	ND
L9	1.25					
L9	12	ND	ND		ND	
L9	20	ND	ND		ND	
L9	24	ND	ND		ND	
L9	31	ND	ND		ND	
SS1						
SS2						
SS3						
B1	0.5	ND	ND		ND	
B1	6.25					
B1	16.5	ND	ND		ND	
B1	37.5					
B2	1.5					
B2	6					
B2	16.5					
B2	22					

SOIL ANALYTICAL RESULTS (NG/G DRY WEIGHT) FROM NALF

Location	Depth (ft bgs)	Class 38-4	Class 38-7	Class 38-3	Class 38-6	Class 38-8
SS Blank	9					
SS Blank	10					
DUP2						
DUP4						
DUP5						
DUP7						
DUP8						
DUP10						
DUP11						
DUP12						
SS						
SSBlank1						
SSBlank2						
SSBlank3						
SSBlank4						
SSBlank5						
SSBlank6						
SSBlank7						
SSBlank8						

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PRELIMINARY

GROUNDWATER PFAS ANALYTICAL RESULTS (NG/L) AT NALF FENTRESS

Sample Name	Midpoint Sampling Depth (ft bgs)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	% Linear	PFNA	PFDA	PFUdA	PFDoA
L1 5-7	6	29	340	130	100	270	81	26	<LOD	<LOD	<LOD
L1 10-12	11	<LOD	120	140	64	680	74	<LOD	<LOD	<LOD	<LOD
L1 17-19	18	<LOD	32	220	<LOD	1100	72	<LOD	<LOD	<LOD	<LOD
L1 23-25	24	<LOD	<LOQ	140	24	570	72	<LOD	<LOD	<LOD	<LOD
L1 40-42	41	<LOD	<LOQ	<LOD	<LOD	26	70	<LOD	<LOD	<LOD	<LOD
L2 5-7*	6	<LOD	500	1300	340	1200	88	110	<LOQ	<LOD	<LOD
L2 10-12	11	34	190	280	110	420	85	70	<LOD	<LOD	<LOD
L2 18-20	19	<LOD	67	300	36	1600	71	<LOD	<LOD	<LOD	<LOD
L2 23-25	24	<LOD	<LOQ	120	20	500	75	<LOD	<LOD	<LOD	<LOD
L3 5-7	6	50	36000	120000	20000	73000	70	41000	190	<LOD	<LOD
L3 10-12*	11	<LOD	360	290	170	380	80	25	<LOD	<LOD	<LOD
L3 20-22	21	<LOD	<LOD	270	75	1300	76	<LOD	<LOD	<LOD	<LOD
L3 28-30	29	<LOD	35	67	28	170	80	<LOD	<LOD	<LOD	<LOD
L4 5-7	6	<LOD	58	68	39	350	85	<LOD	<LOD	<LOD	<LOD
L4 12-14*	13	58	350	410	280	1300	85	<LOD	<LOQ	<LOD	<LOD
L4 20-22	21	44	300	670	270	12000	66	<LOQ	<LOQ	<LOD	<LOD
L4 25-27	26	31	260	660	290	8300	55	<LOQ	<LOD	<LOD	<LOD
L5 10-12	11	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD
L5 18-20	19	<LOD	37	97	29	370	79	<LOD	<LOD	<LOD	<LOD
L5 23-25	24	<LOQ	43	130	32	710	72	<LOD	<LOD	<LOD	<LOD
L6 5-7	6	<LOD	170	200	63	780	85	<LOD	<LOD	<LOD	<LOD
L6 10-12	11	<LOD	180	240	100	1000	86	30	<LOD	<LOD	<LOD
L6 18-20	19	<LOD	40	75	36	380	73	<LOD	<LOD	<LOD	<LOD
L6 24-26	25	<LOQ	310	820	320	10000	71	<LOD	<LOD	<LOD	<LOD
L7 5-7	6	240	990	1700	710	9000	61	110	44	<LOD	<LOD
L7 10-12	11	730	4600	26000	4500	89000	72	820	100	<LOD	<LOD
L7 18-20	19	<LOD	120	290	110	970	69	<LOD	<LOD	<LOD	<LOD
L7 24-26	25	<LOD	540	1400	570	8000	78	<LOQ	<LOD	<LOD	<LOD
L8 5-7	6	59	960	690	370	1100	67	95	<LOD	<LOD	<LOD

GROUNDWATER PFAS ANALYTICAL RESULTS (NG/L) AT NALF FENTRESS

Sample Name	Midpoint Sampling Depth (ft bgs)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	% Linear	PFNA	PFDA	PFUdA	PFDoA
L8 10-12	11	<LOQ	120	360	130	1200	74	<LOQ	<LOD	<LOD	<LOD
L8 20-22	21	<LOD	83	230	95	1800	66	<LOD	<LOQ	<LOD	<LOD
L8 28-30	29	72	34	1200	430	<LOD		<LOD	<LOD	<LOD	<LOD
L9 5-7	6	<LOQ	30	<LOQ	37	140	80	<LOD	<LOD	<LOD	<LOD
L9 10-12	11	<LOQ	72	110	83	710	76	<LOD	<LOD	<LOD	<LOD
L9 20-22	21	400	<LOD	3400	1700	14000	67	170	<LOQ	<LOD	<LOD
L9 23-26*	24	79	1500	3000	990	14000	65	<LOQ	<LOD	<LOD	<LOD
OF MW14		<LOD	<LOD	<LOD	<LOD	17	80	<LOD	<LOD	<LOD	<LOD
OF MW27		<LOD	25	52	14	110	75	<LOD	<LOD	<LOD	<LOQ
OF MW07S		75	240	270	200	690	72	110	<LOQ	<LOD	<LOD
OF MW06S		180	570	670	610	820	76	230	77	<LOD	<LOD
S1		<LOD	98	170	93	220	73	<LOD	<LOD	<LOD	<LOD
S2		<LOD	210	400	77	500	80	<LOD	<LOD	<LOD	<LOD
Dup 3		42	250	610	290	5300	75	<LOQ	<LOD	<LOD	<LOD
Dup 6		710	4500	25000	4500	85000	76	620	110	<LOD	<LOD
Dup 13		<LOD	42	130	32	660	79	<LOD	<LOD	<LOD	<LOD
B1 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD
B1 14-16	15	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD
B1 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD
B1 25-27	26	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD
B2 5-7	6	39	93	37	42	36	75	<LOD	<LOD	<LOD	<LOD
B2 14-16	15	<LOD	<LOD	<LOD	<LOQ	<LOD		<LOD	<LOD	<LOD	<LOD
B2 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD
B2 24-26	25	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	PFTrDA	PFTeDA	PFPrS	PFBS	PFPeS	PFHxS	% Linear	PFHpS	PFOS	% Linear
L1 5-7	6	<LOD	<LOD	<LOD	35	86	540	85	<LOD	2500	85
L1 10-12	11	<LOD	<LOD	<LOD	47	110	930	77	<LOD	2000	78
L1 17-19	18	<LOD	<LOD	<LOD	40	110	1300	80	<LOD	3600	81
L1 23-25	24	<LOD	<LOD	<LOD	45	86	1100	76	<LOD	3000	78
L1 40-42	41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	21	75
L2 5-7*	6	<LOD	<LOD	<LOQ	260	700	4900	75	66	14000	64
L2 10-12	11	<LOD	<LOD	<LOQ	63	220	1300	77	29	24000	70
L2 18-20	19	<LOD	<LOD	<LOD	46	100	900	78	<LOQ	4800	72
L2 23-25	24	<LOD	<LOD	<LOD	30	66	750	79	<LOD	2400	65
L3 5-7	6	<LOD	<LOD	3700	2500	23000	410000	77	1000	3700000	66
L3 10-12*	11	<LOD	<LOD	<LOD	53	170	990	78	<LOQ	8000	71
L3 20-22	21	<LOD	<LOD	<LOQ	<LOD	120	830	74	<LOD	4900	70
L3 28-30	29	<LOD	<LOD	<LOD	26	37	220	84	<LOD	2200	78
L4 5-7	6	<LOD	<LOD	<LOQ	45	46	270	73	<LOD	200	40
L4 12-14*	13	<LOD	<LOD	31	100	96	2000	63	<LOQ	25000	70
L4 20-22	21	<LOD	<LOD	25	140	79	1200	45	<LOQ	5400	70
L4 25-27	26	<LOD	<LOD	<LOQ	130	120	1200	44	<LOQ	2600	64
L5 10-12	11	<LOD	<LOD	<LOD	<LOD	<LOD	27	77	<LOD	800	75
L5 18-20	19	<LOD	<LOD	<LOD	39	92	750	73	<LOD	2400	74
L5 23-25	24	<LOD	<LOD	<LOQ	46	110	730	65	<LOD	1800	70
L6 5-7	6	<LOD	<LOD	<LOD	39	78	990	80	<LOQ	1100	50
L6 10-12	11	<LOD	<LOD	<LOD	52	180	1700	74	<LOQ	3500	57
L6 18-20	19	<LOD	<LOD	<LOD	16	59	600	75	<LOD	1900	65
L6 24-26	25	<LOD	<LOD	<LOQ	210	540	3200	71	44	16000	70
L7 5-7	6	<LOD	<LOD	59	620	1700	23000	65	110	43000	65
L7 10-12	11	<LOD	<LOD	160	1700	5600	75000	61	450	150000	55
L7 18-20	19	<LOD	<LOD	<LOD	59	170	1600	60	<LOQ	4300	75
L7 24-26	25	<LOD	<LOD	<LOQ	310	810	5100	55	64	11000	70
L8 5-7	6	<LOD	<LOD	<LOQ	130	180	4500	83	29	8000	85

Sample Name	Midpoint Sampling Depth (ft bgs)	PFTrDA	PFTeDA	PFPrS	PFBS	PFPeS	PFHxS	% Linear	PFHpS	PFOS	% Linear
L8 10-12	11	<LOD	<LOD	36	91	240	2400	80	<LOQ	2200	77
L8 20-22	21	<LOD	<LOD	30	85	100	1100	77	<LOD	7000	78
L8 28-30	29	<LOD	<LOD	110	230	270	1500	75	<LOD	1200	70
L9 5-7	6	<LOD	<LOD	<LOD	60	13	93	80	<LOD	<LOD	
L9 10-12	11	<LOD	<LOD	<LOQ	49	100	690	82	<LOD	370	45
L9 20-22	21	<LOD	<LOD	370	1100	3300	13000	75	250	27000	50
L9 23-26*	24	<LOD	<LOD	170	660	1400	6000	74	28	1900	50
OF MW14		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	
OF MW27		<LOD	<LOD	<LOD	21	48	390	80	<LOD	1200	75
OF MW07S		<LOD	<LOD	<LOD	36	170	730	75	<LOQ	5500	77
OF MW06S		<LOD	<LOD	34	130	730	2100	77	55	<LOD	71
S1		<LOD	<LOD	<LOD	29	44	260	78	<LOD	1700	72
S2		<LOD	<LOD	<LOQ	81	110	580	80	<LOQ	3700	80
Dup 3		<LOD	<LOD	30	120	170	2500	70	<LOQ	2500	77
Dup 6		<LOD	<LOD	140	1600	5300	72000	73	540	145000	50
Dup 13		<LOD	<LOD	<LOQ	44	92	710	78	<LOD	2000	63
B1 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	34	74	<LOD	240	71
B1 14-16	15	<LOD	<LOD	<LOD	<LOD	<LOD	35	78	<LOD	46	70
B1 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	
B1 25-27	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	
B2 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	27	64	<LOD	<LOD	
B2 14-16	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	
B2 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	
B2 24-26	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	

Sample Name	Midpoint Sampling Depth (ft bgs)	PFNS	PFDS	5:3 FTCA	7:3 FTCA	4:2 FTS	6:2 FTS	8:2 FTS	6:2 FTCA	8:2 FTCA	10:2 FTCA
L1 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD
L1 10-12	11	<LOD	<LOD	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD
L1 17-19	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1 23-25	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1 40-42	41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2 5-7*	6	<LOQ	<LOD	<LOD	<LOD	<LOD	100	230	<LOD	<LOD	<LOD
L2 10-12	11	<LOQ	<LOQ	<LOD	<LOD	<LOD	150	200	<LOD	<LOD	<LOD
L2 18-20	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2 23-25	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3 5-7	6	650	750	<LOD	<LOD	280	5500	3000	<LOD	<LOD	<LOD
L3 10-12*	11	29	40	<LOD	<LOD	<LOD	370	110	<LOD	<LOD	<LOD
L3 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	11	47	<LOD	<LOD	<LOD
L3 28-30	29	<LOD	<LOD	<LOD	<LOD	<LOD	22	35	<LOD	<LOD	<LOD
L4 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L4 12-14*	13	<LOD	<LOD	<LOD	<LOD	<LOD	66	32	<LOD	<LOD	<LOD
L4 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD
L4 25-27	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD
L5 10-12	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5 18-20	19	<LOD	<LOD	<LOD	<LOD	<LOD	26	65	<LOD	<LOD	<LOD
L5 23-25	24	<LOD	<LOD	<LOD	<LOD	<LOD	21	11	<LOD	<LOD	<LOD
L6 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6 10-12	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD
L6 18-20	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6 24-26	25	<LOD	<LOD	<LOD	<LOD	<LOD	60	<LOQ	<LOD	<LOD	<LOD
L7 5-7	6	32	<LOD	<LOD	<LOD	<LOD	250	180	<LOD	<LOD	<LOD
L7 10-12	11	92	<LOD	<LOD	<LOD	<LOD	3700	1400	<LOD	<LOD	<LOD
L7 18-20	19	<LOD	<LOD	<LOD	<LOD	<LOD	19	<LOQ	<LOD	<LOD	<LOD
L7 24-26	25	<LOD	<LOD	<LOD	<LOD	<LOD	50	<LOQ	<LOD	<LOD	<LOD
L8 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	PFNS	PFDS	5:3 FTCA	7:3 FTCA	4:2 FTS	6:2 FTS	8:2 FTS	6:2 FTCA	8:2 FTCA	10:2 FTCA
L8 10-12	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOQ	<LOD	<LOD	<LOD
L8 28-30	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9 10-12	11	<LOD	<LOD	<LOD	<LOD	<LOD	180	<LOD	<LOD	<LOD	<LOD
L9 20-22	21	<LOD	<LOD	<LOD	<LOD	2000	3000	580	<LOD	<LOD	<LOD
L9 23-26*	24	<LOD	<LOD	<LOD	<LOD	<LOD	1500	24	<LOD	<LOD	<LOD
OF MW14		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
OF MW27		<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD
OF MW07S		<LOD	<LOD	<LOD	<LOD	<LOD	300	170	<LOD	<LOD	<LOD
OF MW06S		14	<LOQ	<LOD	<LOD	<LOD	620	2500	<LOD	<LOD	<LOD
S1		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
S2		<LOD	<LOD	<LOD	<LOD	<LOD	1900	18	<LOD	<LOD	<LOD
Dup 3		<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD
Dup 6		120	<LOD	<LOD	<LOD	<LOD	3600	1500	<LOD	<LOD	<LOD
Dup 13		<LOD	<LOD	<LOD	<LOD	<LOD	20	<LOQ	<LOD	<LOD	<LOD
B1 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1 14-16	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1 25-27	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 14-16	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 24-26	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	6:2 UFTCA	8:2 UFTCA	PFEtCHxS	Cl-PFOS	FBSA	FHxSA	FOSA	EtFOSAA	MeFOSAA	FOSAA
L1 5-7	6	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD
L1 10-12	11	<LOD	<LOD	<LOQ	<LOD	<LOD	62	<LOD	<LOD	<LOD	<LOD
L1 17-19	18	<LOD	<LOD	<LOD	<LOD	<LOD	390	850	<LOD	<LOQ	<LOD
L1 23-25	24	<LOD	<LOD	<LOQ	<LOD	<LOD	99	<LOD	<LOD	<LOD	<LOD
L1 40-42	41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L2 5-7*	6	<LOD	<LOD	38	<LOD	200	140	<LOD	<LOD	<LOD	<LOD
L2 10-12	11	<LOD	<LOD	14	<LOD	63	370	<LOD	<LOD	<LOD	<LOD
L2 18-20	19	<LOD	<LOD	<LOQ	<LOD	170	320	230	<LOD	<LOD	<LOD
L2 23-25	24	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOQ	<LOD	<LOD	20	<LOD
L3 5-7	6	<LOD	<LOD	220	440	24000	480000	89000	110	5100	620
L3 10-12*	11	<LOD	<LOD	<LOQ	<LOD	87	770	820	<LOD	60	<LOD
L3 20-22	21	<LOD	<LOD	<LOQ	<LOD	<LOD	250	200	<LOD	22	<LOD
L3 28-30	29	<LOD	<LOD	<LOD	<LOD	<LOD	190	290	<LOD	<LOD	<LOD
L4 5-7	6	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
L4 12-14*	13	<LOD	<LOD	12	<LOD	<LOD	740	160	<LOD	20	<LOD
L4 20-22	21	<LOD	<LOD	13	<LOD	<LOD	880	370	<LOD	180	<LOD
L4 25-27	26	<LOD	<LOD	<LOQ	<LOD	<LOD	320	<LOD	<LOD	10	<LOD
L5 10-12	11	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L5 18-20	19	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD
L5 23-25	24	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6 5-7	6	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6 10-12	11	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6 18-20	19	<LOD	<LOD	<LOQ	<LOD	<LOD	380	<LOD	<LOD	<LOD	<LOD
L6 24-26	25	<LOD	<LOD	31	<LOD	94	820	<LOD	<LOD	<LOD	<LOD
L7 5-7	6	<LOD	<LOD	45	27	330	1500	<LOQ	<LOD	<LOD	<LOD
L7 10-12	11	<LOD	<LOD	330	51	1700	8000	290	<LOD	63	<LOD
L7 18-20	19	<LOD	<LOD	<LOQ	<LOD	<LOQ	610	<LOD	<LOD	19	<LOD
L7 24-26	25	<LOD	<LOD	36	<LOD	450	1200	<LOD	<LOD	<LOD	<LOD
L8 5-7	6	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	6:2 UFTCA	8:2 UFTCA	PFEtCHxS	Cl-PFOS	FBSA	FHxSA	FOSA	EtFOSAA	MeFOSAA	FOSAA
L8 10-12	11	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8 20-22	21	<LOD	<LOD	<LOQ	<LOD	<LOD	800	<LOD	<LOD	49	<LOD
L8 28-30	29	<LOD	<LOD	<LOQ	<LOD	96	130	<LOD	<LOD	<LOD	<LOD
L9 5-7	6	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9 10-12	11	<LOD	<LOD	<LOQ	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD
L9 20-22	21	<LOD	<LOD	150	<LOD	900	2300	<LOD	<LOD	<LOD	<LOD
L9 23-26*	24	<LOD	<LOD	21	<LOD	450	120	<LOD	<LOD	<LOD	<LOD
OF MW14		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
OF MW27		<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
OF MW07S		<LOD	<LOD	12	<LOD	<LOQ	130	<LOD	<LOD	<LOD	<LOD
OF MW06S		<LOD	<LOD	23	<LOD	87	370	<LOD	<LOD	<LOD	<LOD
S1		<LOD	<LOD	<LOQ	<LOD	<LOD	130	<LOD	<LOD	<LOD	<LOD
S2		<LOD	<LOD	16	<LOD	<LOQ	290	<LOD	<LOD	<LOD	<LOD
Dup 3		<LOD	<LOD	<LOQ	<LOD	<LOQ	320	<LOD	<LOD	12	<LOD
Dup 6		<LOD	<LOD	370	61	4200	<LOD	300	<LOD	58	<LOD
Dup 13		<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1 14-16	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1 25-27	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 14-16	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 24-26	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	EtFOSA	MeFOSA	11:2 FTCA	1OH-8:2 FTS/8:2 FTOS (isomers)	12:2 FTCA	8:3 FTS	1OH-6:2 FTS/6:2 FTOS (isomers)	6:2 FTSO2PrAd-DiMeEtS	6:2 FTSO-PrAd-DiMePrS	10:2 FTThPrA
L1 5-7	6	<LOD	<LOD						<LOD	<LOD	10
L1 10-12	11	<LOD	<LOD						<LOD	<LOD	<LOQ
L1 17-19	18	<LOD	<LOD					<LOD			
L1 23-25	24	<LOD	<LOD					<LOD			
L1 40-42	41	<LOD	<LOD					17			
L2 5-7*	6	<LOD	<LOD					<LOD			
L2 10-12	11	<LOD	<LOD					<LOD			
L2 18-20	19	<LOD	<LOD					<LOD			
L2 23-25	24	<LOD	<LOD					<LOD			
L3 5-7	6	<LOD	<LOD	21	95	<LOQ	<LOD				
L3 10-12*	11	<LOD	<LOD	<LOD	<LOD	69	<LOQ				
L3 20-22	21	<LOD	<LOD	26	<LOD	<LOD	<LOD				
L3 28-30	29	<LOD	<LOD	<LOQ	<LOD	<LOD	18				
L4 5-7	6	<LOD	<LOD						<LOD	<LOD	<LOD
L4 12-14*	13	<LOD	<LOD						<LOD	<LOD	<LOD
L4 20-22	21	<LOD	<LOD						<LOD	<LOD	<LOD
L4 25-27	26	<LOD	<LOD						<LOD	<LOD	<LOD
L5 10-12	11	<LOD	<LOD					<LOD			
L5 18-20	19	<LOD	<LOD					<LOD			
L5 23-25	24	<LOD	<LOD					<LOD			
L6 5-7	6	<LOD	<LOD						<LOD	<LOD	<LOD
L6 10-12	11	<LOD	<LOD						<LOD	<LOD	<LOQ
L6 18-20	19	<LOD	<LOD						<LOD	<LOD	<LOD
L6 24-26	25	<LOD	<LOD						<LOD	<LOD	13
L7 5-7	6	<LOD	<LOD						<LOD	<LOD	<LOQ
L7 10-12	11	<LOD	<LOD						270	<LOD	<LOD
L7 18-20	19	<LOD	<LOD						<LOD	<LOD	<LOD
L7 24-26	25	<LOD	<LOD						<LOD	<LOD	<LOQ
L8 5-7	6	<LOD	<LOD						<LOD	<LOD	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	EtFOSA	MeFOSA	11:2 FTCA	1OH-8:2 FTS/8:2 FTOS (isomers)	12:2 FTCA	8:3 FTS	1OH-6:2 FTS/6:2 FTOS (isomers)	6:2 FTSO2PrAd-DiMeEtS	6:2 FTSO-PrAd-DiMePrS	10:2 FTThPrA
L8 10-12	11	<LOD	<LOD						<LOD	<LOD	<LOD
L8 20-22	21	<LOD	<LOD						<LOD	<LOD	<LOD
L8 28-30	29	<LOD	<LOD						<LOD	<LOD	<LOD
L9 5-7	6	<LOD	<LOD						<LOD	<LOD	<LOD
L9 10-12	11	<LOD	<LOD						<LOD	<LOD	<LOD
L9 20-22	21	<LOD	<LOD						<LOD	<LOD	<LOD
L9 23-26*	24	<LOD	<LOD						61	<LOD	<LOD
OF MW14		<LOD	<LOD								
OF MW27		<LOD	<LOD								
OF MW07S		<LOD	<LOD								
OF MW06S		<LOD	<LOD								
S1		<LOD	<LOD						<LOQ	<LOD	<LOQ
S2		<LOD	<LOD						<LOD	110	<LOD
Dup 3		<LOD	<LOD								
Dup 6		<LOD	<LOD						<LOD	<LOD	<LOQ
Dup 13		<LOD	<LOD								
B1 5-7	6	<LOD	<LOD	240	38	170	63				
B1 14-16	15	<LOD	<LOD	58	<LOD	<LOD	<LOD				
B1 20-22	21	<LOD	<LOD	75	<LOD	<LOD	<LOD				
B1 25-27	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD				
B2 5-7	6	<LOD	<LOD	35	<LOD	18	<LOD				
B2 14-16	15	<LOD	<LOD	31	<LOD	42	<LOD				
B2 20-22	21	<LOD	<LOD	42	<LOD	<LOD	<LOD				
B2 24-26	25	<LOD	<LOD	350	13	170	170				
				<LOD	<LOD	62	<LOD				

GSI Job No. G-4500
Issued: 2 June 2021
PRELIMINARY

Sample Name	Midpoint Sampling Depth (ft bgs)	PeH-FHpOS/4:2 FTOS (isomers)	8:2 FTSO2PrAd-DiMeEtS	8:2 FTSO2PrA	7:3 FTS	MeFEtSAA	SPr-FPrSA	SPr-FBSA	SPr-FPeSA	SPr-FHxSA
L1 5-7	6	<LOD	<LOQ	29	41	480	<LOD			
L1 10-12	11	<LOD	<LOQ	45	53	430	<LOD			
L1 17-19	18						<LOD			220
L1 23-25	24						61			1100
L1 40-42	41						<LOD			27
L2 5-7*	6						30			960
L2 10-12	11						<LOD			1300
L2 18-20	19						<LOD			2400
L2 23-25	24						<LOD			600
L3 5-7	6					260	330	9100	15000	540000
L3 10-12*	11					33	720	38	56	3300
L3 20-22	21					<LOD	440	60	160	1000
L3 28-30	29					100	16	130	140	2100
L4 5-7	6	<LOD	<LOD	<LOD		<LOQ	<LOQ			
L4 12-14*	13	<LOD	11	<LOD		<LOQ	13			
L4 20-22	21	<LOQ	<LOQ	<LOQ		<LOD	16			
L4 25-27	26	10	<LOD	<LOQ		<LOD	13			
L5 10-12	11						<LOD			23
L5 18-20	19						<LOD			23
L5 23-25	24						<LOD			31
L6 5-7	6	<LOD	<LOD	<LOD	36	440	<LOD			
L6 10-12	11	<LOD	<LOQ	49	39	410	<LOD			
L6 18-20	19	<LOD	<LOD	<LOD	43	410	<LOD			
L6 24-26	25	<LOD	<LOD	<LOD	53	490	<LOQ			
L7 5-7	6	<LOD	<LOD	<LOD	55	520	<LOD			
L7 10-12	11	35	210	<LOD	59	980	<LOQ			
L7 18-20	19	<LOD	<LOD	<LOD	27	470	<LOD			
L7 24-26	25	<LOD	<LOQ	50	28	540	10			
L8 5-7	6	<LOD	16	66	<LOQ	11	<LOD			

Sample Name	Midpoint Sampling Depth (ft bgs)	PeH-FHpOS/4:2 FTOS (isomers)	8:2 FTSO2PrAd-DiMeEtS	8:2 FTSO2PrA	7:3 FTS	MeFEtSAA	SPr-FPrSA	SPr-FBSA	SPr-FPeSA	SPr-FHxSA
L8 10-12	11	<LOD	<LOQ	31	<LOD	330	<LOD			
L8 20-22	21	<LOD	<LOQ	38	<LOD	310	<LOD			
L8 28-30	29	<LOD	13	44	<LOD	480	<LOD			
L9 5-7	6	<LOD	<LOD	<LOD	<LOD	230	19			
L9 10-12	11	<LOD	<LOQ	42	<LOD	330	<LOD			
L9 20-22	21	49	<LOD	40	<LOD	480	<LOQ			
L9 23-26*	24	<LOD	<LOD	<LOD	<LOD	580	<LOD			
OF MW14										
OF MW27										
OF MW07S										
OF MW06S										
S1		<LOD	<LOD	<LOD	49	430	<LOD			
S2		<LOD	<LOD	<LOD	55	290	<LOD			
Dup 3										
Dup 6		<LOD	<LOQ	40	45	970	<LOQ			
Dup 13										
B1 5-7	6					<LOD	<LOQ	36	15	<LOD
B1 14-16	15					<LOQ	1100	230	290	13
B1 20-22	21					<LOD	1100	330	26	36
B1 25-27	26					120	1000	440	100	35
B2 5-7	6					25	13	120	32	240
B2 14-16	15					35	940	70	20	180
B2 20-22	21					17	15	500	16	200
B2 24-26	25					<LOD	29	150	16	12
						<LOD	560	210	<LOQ	29

Sample Name	Midpoint Sampling Depth (ft bgs)	CMeAmPr-FPeSA	CMeAmPr-FHxSA	SPrAmPr-FBSA	SPrAmPr-FPeSA	S-OHPrAmPr-FHxSA-OHPrS
L1 5-7	6					<LOD
L1 10-12	11					<LOD
L1 17-19	18		23			<LOD
L1 23-25	24		<LOQ			<LOD
L1 40-42	41		15			<LOD
L2 5-7*	6		130			<LOQ
L2 10-12	11		71			10
L2 18-20	19		49			<LOD
L2 23-25	24		14			<LOD
L3 5-7	6	52000	540000	15000	61000	2500
L3 10-12*	11	100	1900	34	74	10
L3 20-22	21	13	590	45	82	<LOQ
L3 28-30	29	65	970	64	43	<LOD
L4 5-7	6					<LOD
L4 12-14*	13					<LOD
L4 20-22	21					<LOQ
L4 25-27	26					<LOD
L5 10-12	11		<LOQ			<LOD
L5 18-20	19		18			<LOD
L5 23-25	24		20			<LOD
L6 5-7	6					<LOD
L6 10-12	11					<LOD
L6 18-20	19					<LOD
L6 24-26	25					<LOD
L7 5-7	6					<LOD
L7 10-12	11					60
L7 18-20	19					<LOD
L7 24-26	25					<LOD
L8 5-7	6					<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	CMeAmPr-FPeSA	CMeAmPr-FHxSA	SPrAmPr-FBSA	SPrAmPr-FPeSA	S-OHPrAmPr-FHxSA-OHPrS
L8 10-12	11					<LOD
L8 20-22	21					<LOD
L8 28-30	29					<LOQ
L9 5-7	6					<LOD
L9 10-12	11					<LOD
L9 20-22	21					<LOD
L9 23-26*	24					<LOD
OF MW14						
OF MW27						
OF MW07S						
OF MW06S						
S1						<LOD
S2						<LOD
Dup 3						
Dup 6						<LOQ
Dup 13						
B1 5-7	6	16	<LOQ	<LOD	340	<LOD
B1 14-16	15	12	11	<LOQ	22	<LOD
B1 20-22	21	14	<LOQ	18	14	<LOD
B1 25-27	26	15	12	31	12	<LOD
B2 5-7	6	36	120	220	96	<LOD
B2 14-16	15	30	34	300	24	<LOD
B2 20-22	21	12	23	61	52	<LOD
B2 24-26	25	12	15	<LOQ	19	89
		20	<LOQ	11	17	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	S-OHPrAmPr-FHxSA	DiMeA-MeOHPr-FHxSAPrS	SPrAmPr-FBSAA	SPrAmPr-FPeSAA	SPrAmPr-FHxSAA
L1 5-7	6					<LOD
L1 10-12	11					<LOD
L1 17-19	18	<LOQ				<LOD
L1 23-25	24	19				13
L1 40-42	41	<LOD				<LOD
L2 5-7*	6	240				22
L2 10-12	11	73				21
L2 18-20	19	17				<LOQ
L2 23-25	24	14				<LOQ
L3 5-7	6	140000	550	1100	2800	21000
L3 10-12*	11	390	<LOD	<LOD	<LOQ	96
L3 20-22	21	170	35	<LOD	<LOD	24
L3 28-30	29	230	<LOD	<LOD	<LOD	<LOQ
L4 5-7	6	12				<LOD
L4 12-14*	13	87				<LOD
L4 20-22	21	24				<LOD
L4 25-27	26					<LOD
L5 10-12	11					<LOD
L5 18-20	19					<LOD
L5 23-25	24					<LOD
L6 5-7	6					<LOD
L6 10-12	11					<LOD
L6 18-20	19					<LOD
L6 24-26	25					<LOD
L7 5-7	6					<LOD
L7 10-12	11					<LOD
L7 18-20	19					31
L7 24-26	25					<LOD
L8 5-7	6					<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	S-OHPrAmPr-FHxSA	DiMeA-MeOHPr-FHxSAPrS	SPrAmPr-FBSAA	SPrAmPr-FPeSAA	SPrAmPr-FHxSAA
L8 10-12	11					<LOD
L8 20-22	21					<LOD
L8 28-30	29					<LOD
L9 5-7	6					<LOD
L9 10-12	11					<LOD
L9 20-22	21					<LOD
L9 23-26*	24					53
OF MW14						
OF MW27						
OF MW07S						
OF MW06S						
S1						<LOQ
S2						12
Dup 3						
Dup 6						<LOD
Dup 13						
B1 5-7	6	<LOD	170	<LOD	84	86
B1 14-16	15	92	<LOD	<LOD	<LOD	<LOD
B1 20-22	21	69	<LOD	<LOD	<LOD	<LOD
B1 25-27	26	<LOD	<LOD	<LOD	<LOD	<LOD
B2 5-7	6	15	<LOD	<LOD	<LOD	<LOD
B2 14-16	15	65	<LOD	<LOD	<LOD	<LOD
B2 20-22	21	<LOD	14	<LOD	<LOD	<LOD
B2 24-26	25	26	<LOQ	<LOQ	15	31
		35	<LOD	<LOD	<LOD	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	MeFHxSAA	FHxSAA	AmPr-FHxSA	AmPr-FMeSA-PrA	OAmPr-FHxSA	CMeAmPr-FBSA	FPeSA	SPrAmPr-FHxSA	SPr-FOSA	MeFPrAA
L1 5-7	6		<LOD					10	100	100	<LOQ
L1 10-12	11		<LOD					<LOD	130	90	<LOD
L1 17-19	18				52	83	10	1200	480		
L1 23-25	24				18	120	<LOD	<LOD	2800		
L1 40-42	41				<LOQ	<LOD	14	<LOD	21		
L2 5-7*	6				58	77	94	90	990		
L2 10-12	11				<LOQ	120	19	<LOD	450		
L2 18-20	19				19	74	50	51	2700		
L2 23-25	24				44	110	140	<LOD	960		
L3 5-7	6	3100	3400	31000							
L3 10-12*	11	22	31	360							
L3 20-22	21	50	14	140							
L3 28-30	29	29	<LOD	120							
L4 5-7	6		<LOD					<LOD	<LOD	<LOD	<LOD
L4 12-14*	13		<LOD					<LOQ	<LOD	<LOD	16
L4 20-22	21		<LOQ					<LOD	<LOD	<LOQ	<LOD
L4 25-27	26		<LOD					13	<LOD	<LOD	<LOD
L5 10-12	11				<LOD	<LOQ	110	12	150		
L5 18-20	19				62	51	130	24	1000		
L5 23-25	24				<LOD	84	40	<LOD	20		
L6 5-7	6		<LOD					<LOD	32	<LOD	<LOD
L6 10-12	11		<LOD					<LOD	130	87	<LOD
L6 18-20	19		<LOD					<LOD	23	110	<LOD
L6 24-26	25		<LOD					<LOD	14	22	11
L7 5-7	6		<LOD					<LOD	<LOD	220	13
L7 10-12	11		<LOD					<LOD	<LOD	630	100
L7 18-20	19		<LOD					<LOD	19	160	<LOD
L7 24-26	25		<LOD					<LOD	110	<LOQ	19
L8 5-7	6		<LOD					<LOD	26	150	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	MeFHxSAA	FHxSAA	AmPr-FHxSA	AmPr-FMeSA-PrA	OAmPr-FHxSA	CMeAmPr-FBSA	FPeSA	SPrAmPr-FHxSA	SPr-FOSA	MeFPrAA
L8 10-12	11		<LOD					<LOD	48	19	<LOD
L8 20-22	21		<LOD					<LOD	35	140	<LOD
L8 28-30	29		<LOD					16	30	11	18
L9 5-7	6		<LOD					<LOD	40	34	<LOD
L9 10-12	11		<LOD					<LOD	35	23	<LOD
L9 20-22	21		<LOD					380	79	11	30
L9 23-26*	24		<LOD					<LOD	14	13	33
OF MW14											
OF MW27											
OF MW07S											
OF MW06S											
S1			<LOD					<LOD	17	24	<LOQ
S2			<LOD					<LOD	1200	16	<LOD
Dup 3											
Dup 6			41					<LOD	110	370	100
Dup 13											
B1 5-7	6	57	<LOD	<LOD							
B1 14-16	15	56	<LOD	570							
B1 20-22	21	<LOD	<LOD	<LOQ							
B1 25-27	26	<LOD	<LOD	<LOQ							
B2 5-7	6	<LOD	<LOD	240							
B2 14-16	15	<LOD	<LOD	18							
B2 20-22	21	54	<LOD	12							
B2 24-26	25	<LOQ	<LOD	12							
		<LOD	<LOD	12							

Sample Name	Midpoint Sampling Depth (ft bgs)	MeFMeSAA	SPrAmPr-FHxSAPrS	SPrAmPr-FOSAPrS	PFUdS	UPFOS/PFPrCPeS/HPFOS (isomers)	UPFDS/PFBCHxS (isomers)	PFCHxS	F5S-PFNS	H-PFHpS
L1 5-7	6	<LOQ	<LOD	<LOQ		<LOD				
L1 10-12	11	<LOQ	<LOD	<LOQ		<LOD				
L1 17-19	18		<LOD							
L1 23-25	24		<LOQ							
L1 40-42	41		<LOD							
L2 5-7*	6		16							
L2 10-12	11		<LOQ							
L2 18-20	19		<LOD							
L2 23-25	24		<LOD							
L3 5-7	6				67	120	67	470	31	<LOD
L3 10-12*	11				<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L3 20-22	21				<LOD	<LOD	29	270	<LOD	<LOD
L3 28-30	29				<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L4 5-7	6	<LOD	<LOD	<LOD		33				
L4 12-14*	13	<LOD	<LOD	12		9600				
L4 20-22	21	<LOD	<LOD	<LOD		24				
L4 25-27	26	<LOD	<LOD	<LOD		110				
L5 10-12	11		<LOD							
L5 18-20	19		<LOD							
L5 23-25	24		<LOD							
L6 5-7	6	<LOQ	<LOD	<LOD		<LOD				
L6 10-12	11	<LOQ	<LOD	<LOQ		<LOD				
L6 18-20	19	<LOD	<LOD	<LOD		<LOD				
L6 24-26	25	15	41	<LOD		12				
L7 5-7	6	33	<LOQ	<LOD		20				
L7 10-12	11	140	410	26		170				
L7 18-20	19	<LOD	11	<LOD		<LOD				
L7 24-26	25	27	<LOD	<LOQ		15				
L8 5-7	6	<LOD	<LOQ	<LOQ		<LOD				

Sample Name	Midpoint Sampling Depth (ft bgs)	MeFMeSAA	SPrAmPr-FHxSAPrS	SPrAmPr-FOSAPrS	PFUdS	UPFOS/PFPrCPeS/HPFOS (isomers)	UPFDS/PFBCHxS (isomers)	PFCHxS	F5S-PFNS	H-PFHpS
L8 10-12	11	<LOD	<LOD	<LOD		<LOD				
L8 20-22	21	<LOD	<LOD	<LOD		<LOD				
L8 28-30	29	<LOD	<LOD	<LOQ		<LOD				
L9 5-7	6	<LOD	<LOD	<LOD		<LOD				
L9 10-12	11	<LOD	<LOD	<LOQ		<LOD				
L9 20-22	21	45	<LOD	<LOD		76				
L9 23-26*	24	30	<LOQ	<LOD		<LOQ				
OF MW14										
OF MW27										
OF MW07S										
OF MW06S										
S1		<LOD	<LOD	<LOD		<LOD				
S2		<LOD	<LOD	<LOD		<LOQ				
Dup 3										
Dup 6		150	<LOQ	11		190				
Dup 13										
B1 5-7	6				<LOD	<LOD	<LOD	7700	<LOD	<LOD
B1 14-16	15				<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1 20-22	21				<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1 25-27	26				<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 5-7	6				<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 14-16	15				<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 20-22	21				<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 24-26	25				<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
					<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	O-PFOS/PFHpOS (isomers)	O-PFNS/PFOOS (isomers)	O-PFDS	K-PFHpS	K-PFOS	K-PFUdS	H-PFBA	H-PFHpA	H-PFNA	PFHxSi
L1 5-7	6	<LOD	<LOD		<LOD	<LOD					
L1 10-12	11	<LOD	<LOD		<LOD	<LOD					
L1 17-19	18										
L1 23-25	24										
L1 40-42	41										
L2 5-7*	6										
L2 10-12	11										
L2 18-20	19										
L2 23-25	24										
L3 5-7	6	19	660	210	130	140	34	6400	14000	5100	2100
L3 10-12*	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3100	1500	320	51
L3 20-22	21	<LOD	<LOD	<LOQ	13	<LOD	<LOD	2400	3200	840	24
L3 28-30	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	420	560	240	<LOD
L4 5-7	6	<LOD	<LOD		<LOD	11					
L4 12-14*	13	<LOD	<LOD		<LOD	65					
L4 20-22	21	<LOD	<LOD		<LOD	74					
L4 25-27	26	<LOD	<LOD		<LOD	<LOQ					
L5 10-12	11										
L5 18-20	19										
L5 23-25	24										
L6 5-7	6	<LOD	<LOD		<LOD	<LOD					
L6 10-12	11	<LOD	<LOD		<LOD	<LOD					
L6 18-20	19	<LOD	<LOD		<LOD	<LOD					
L6 24-26	25	<LOD	<LOD		<LOD	<LOD					
L7 5-7	6	<LOD	<LOQ		<LOD	<LOQ					
L7 10-12	11	15	95		11	68					
L7 18-20	19	<LOD	<LOD		<LOD	<LOD					
L7 24-26	25	<LOD	<LOD		<LOD	<LOQ					
L8 5-7	6	<LOD	<LOD		<LOD	<LOD					

Sample Name	Midpoint Sampling Depth (ft bgs)	O-PFOS/PFHpOS (isomers)	O-PFNS/PFOOS (isomers)	O-PFDS	K-PFHpS	K-PFOS	K-PFUdS	H-PFBA	H-PFHpA	H-PFNA	PFHxSi
L8 10-12	11	<LOD	<LOD		<LOD	<LOD					
L8 20-22	21	<LOD	<LOD		<LOD	<LOD					
L8 28-30	29	<LOD	<LOD		<LOD	<LOD					
L9 5-7	6	<LOD	<LOD		<LOD	<LOD					
L9 10-12	11	<LOD	<LOD		<LOD	<LOD					
L9 20-22	21	<LOD	<LOD		<LOD	20					
L9 23-26*	24	<LOD	<LOD		<LOD	<LOD					
OF MW14											
OF MW27											
OF MW07S											
OF MW06S											
S1		<LOD	<LOD		<LOD	<LOD					
S2		<LOD	<LOD		<LOD	<LOD					
Dup 3											
Dup 6		<LOQ	120		<LOD	78					
Dup 13											
B1 5-7	6	<LOQ	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	440	36
B1 14-16	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B1 25-27	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13	<LOD	<LOD
B2 14-16	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
B2 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	930	77	350	<LOD
B2 24-26	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ
		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	PFOSi	PeH-FHpOS	PFN-OS	PFEtCHxCA/PFPrCPeCA (isomers)	F5S-PFHpA	K-PFHxS	H-PFOS	PFBCHxCA	H-PFHxS
L1 5-7	6				<LOD		<LOD	<LOD	<LOD	<LOD
L1 10-12	11				<LOD		<LOD	<LOD	<LOD	<LOD
L1 17-19	18						<LOD			
L1 23-25	24						<LOD			
L1 40-42	41						69			
L2 5-7*	6						25			
L2 10-12	11						<LOD			
L2 18-20	19						<LOD			
L2 23-25	24						<LOD			
L3 5-7	6	160	190	50	18	16				
L3 10-12*	11	<LOD	<LOQ	<LOD	<LOD	<LOD				
L3 20-22	21	<LOD	280	<LOQ	14	<LOD				
L3 28-30	29	<LOD	<LOD	<LOD	<LOD	<LOD				
L4 5-7	6				<LOD		<LOD	<LOD	<LOD	<LOD
L4 12-14*	13				<LOD		64	<LOD	<LOD	<LOD
L4 20-22	21				86		110	<LOD	<LOD	<LOD
L4 25-27	26				70		12	<LOD	<LOD	<LOD
L5 10-12	11						26			
L5 18-20	19						<LOD			
L5 23-25	24						<LOD			
L6 5-7	6				<LOD		<LOD	<LOD	23	<LOD
L6 10-12	11				<LOD		<LOD	<LOD	19	<LOD
L6 18-20	19				<LOD		<LOD	<LOD	17	<LOD
L6 24-26	25				<LOD		10	<LOD	15	<LOD
L7 5-7	6				<LOD		56	25	23	12
L7 10-12	11				23		190	410	86	27
L7 18-20	19				<LOD		<LOD	<LOD	<LOQ	<LOD
L7 24-26	25				<LOQ		19	<LOD	29	<LOD
L8 5-7	6				<LOD		<LOQ	<LOD	<LOQ	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	PFOSi	PeH-FHpOS	PFN-OS	PFEtCHxCA/PFPrCPeCA (isomers)	F5S-PFHpA	K-PFHxS	H-PFOS	PFBCHxCA	H-PFHxS
L8 10-12	11				<LOD		<LOQ	<LOD	<LOQ	<LOD
L8 20-22	21				<LOD		<LOD	<LOD	<LOQ	<LOD
L8 28-30	29				<LOQ		<LOD	<LOD	36	<LOD
L9 5-7	6				<LOD		<LOD	<LOD	<LOD	<LOD
L9 10-12	11				<LOD		<LOD	<LOD	<LOQ	<LOD
L9 20-22	21				12		68	110	91	14
L9 23-26*	24				<LOQ		31	<LOD	62	<LOQ
OF MW14										
OF MW27										
OF MW07S										
OF MW06S										
S1					<LOD		<LOD	<LOD	<LOQ	<LOD
S2					<LOD		<LOD	<LOD	53	<LOD
Dup 3										
Dup 6					21		180	500	86	26
Dup 13										
B1 5-7	6	<LOD	6200	<LOD	290	<LOD				
B1 14-16	15	<LOD	<LOD	<LOD	<LOD	<LOD				
B1 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD				
B1 25-27	26	<LOD	<LOD	<LOD	<LOD	<LOD				
B2 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD				
B2 14-16	15	<LOD	<LOD	<LOD	<LOD	<LOD				
B2 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD				
B2 24-26	25	<LOD	37	<LOD	13	<LOD				
		<LOD	<LOD	<LOD	<LOD	<LOD				

Sample Name	Midpoint Sampling Depth (ft bgs)	F5S-PFHxS	PFPe-OS	6:2 FtSaAm	6:2 FTSA-PrB	AmPr-FHxSA	TAmPr-FHxSA
L1 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L1 10-12	11	<LOD	<LOD	<LOD	<LOD	<LOD	21
L1 17-19	18			<LOD	<LOD	<LOD	<LOD
L1 23-25	24			<LOD	<LOD	<LOD	<LOD
L1 40-42	41			<LOD	<LOD	<LOD	<LOD
L2 5-7*	6			<LOD	<LOD	<LOD	<LOD
L2 10-12	11			78	81	240	44
L2 18-20	19			25	<LOD	<LOD	21
L2 23-25	24			<LOD	<LOD	<LOD	21
L3 5-7	6			2300	63	430	3400
L3 10-12*	11			30	<LOD	<LOD	64
L3 20-22	21			<LOD	<LOD	<LOD	21
L3 28-30	29			<LOD	<LOD	<LOD	<LOD
L4 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L4 12-14*	13	<LOD	<LOD	<LOD	<LOD	180	<LOD
L4 20-22	21	<LOD	<LOD	<LOD	<LOD	67	<LOD
L4 25-27	26	<LOD	36	<LOD	<LOD	<LOD	<LOD
L5 10-12	11			<LOD	<LOD	<LOD	<LOD
L5 18-20	19			<LOD	<LOD	<LOD	<LOD
L5 23-25	24			<LOD	<LOD	<LOD	<LOD
L6 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6 10-12	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6 18-20	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L6 24-26	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7 5-7	6	16	14	<LOD	<LOD	<LOD	<LOD
L7 10-12	11	<LOD	47	25	<LOD	170	<LOD
L7 18-20	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L7 24-26	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD

Sample Name	Midpoint Sampling Depth (ft bgs)	F5S-PFHxS	PFPe-OS	6:2 FtSaAm	6:2 FTSA-PrB	AmPr-FHxSA	TAmPr-FHxSA
L8 10-12	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8 20-22	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L8 28-30	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9 5-7	6	<LOD	<LOD	<LOD	<LOD	<LOD	21
L9 10-12	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
L9 20-22	21	<LOD	17	<LOD	<LOD	<LOD	<LOD
L9 23-26*	24	<LOD	11	<LOD	<LOD	<LOD	<LOD
OF MW14				<LOD	<LOD	<LOD	<LOD
OF MW27				<LOD	<LOD	<LOD	<LOD
OF MW07S				<LOD	<LOD	<LOD	22
OF MW06S				<LOD	<LOD	60	72
S1		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
S2		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Dup 3				<LOD	<LOD	<LOD	<LOD
Dup 6		<LOD	44	<LOD	<LOD	<LOD	<LOD
Dup 13				<LOD	<LOD	<LOD	<LOD
B1 5-7	6			<LOD	<LOD	<LOD	<LOD
B1 14-16	15			<LOD	<LOD	<LOD	<LOD
B1 20-22	21			<LOD	<LOD	<LOD	<LOD
B1 25-27	26			<LOD	<LOD	<LOD	<LOD
B2 5-7	6			<LOD	<LOD	<LOD	<LOD
B2 14-16	15			<LOD	<LOD	<LOD	<LOD
B2 20-22	21			<LOD	<LOD	<LOD	<LOD
B2 24-26	25			<LOD	<LOD	<LOD	<LOD