AD-A184 843 INSTALLATION RESTORATION PROGRAM PHASE 2 CONFIRMATION/QUANTIFICATION STAG..(U) WESTON (ROY F) INC WEST CHESTER PA R L KRAYBILL ET AL. AUG 87 1/10

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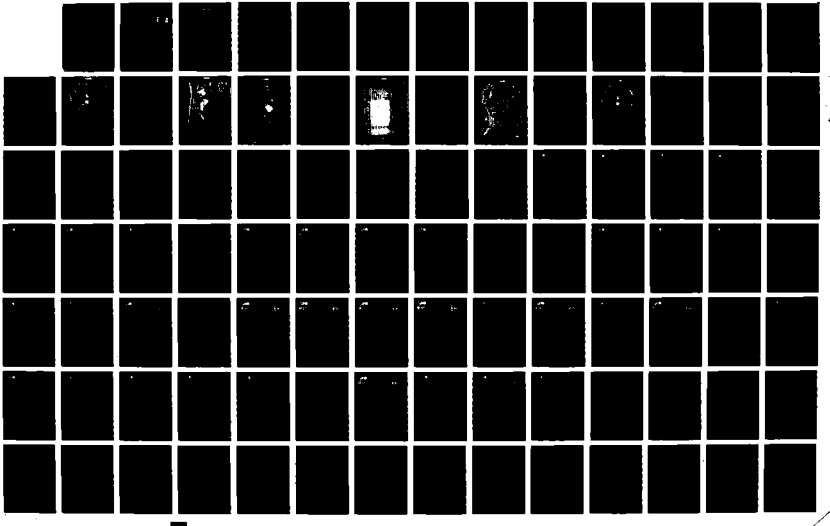

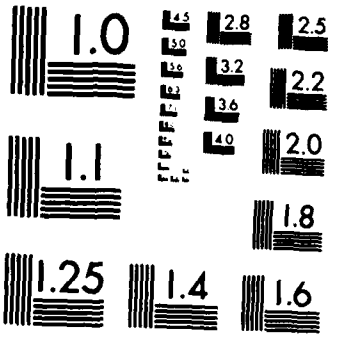

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AD-A184 843

INSTALLATION RESTORATION PROGRAM PHASE II - CONFIRMATION/QUANTIFICATION STAGE 1

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VOLUME II APPENDICES

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PEASE AIR FORCE BASE NEW HAMPSHIRE

Roy F. Weston, Inc.
West Chester, Pennsylvania 19380

AUGUST 1987

FINAL REPORT FOR PERIOD OCTOBER 1984 TO JULY 1986

Approved for Public Release; Distribution is Unlimited

PREPARED FOR:

HEADQUARTERS STRATEGIC AIR COMMAND
COMMAND SURGEON'S OFFICE HEADQUARTERS (HQSAC/SGPB)
BIOENVIRONMENTAL ENGINEERING DIVISION
OFFUTT AIR FORCE BASE, NE 68113

UNITED STATES AIR FORCE
OCCUPATIONAL & ENVIRONMENTAL HEALTH LABORATORY (USAF OEHL)
TECHNICAL SERVICES DIVISION (TS)
BROOKS AIR FORCE BASE, TEXAS 78235-5501

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APPENDIX A

ACRONYMS, DEFINITIONS, NOMENCLATURE AND UNITS OF MEASUREMENT

APPENDIX A

AFB	Air Force Base
ASTM	American Society for Testing and Materials
Anisotropy	Condition of having different properties in different directions, generally referring to hydraulic conductivity of an aquifer.
alluvium	sedimentary materials deposited in an environment of flowing surface waters
aquifer	zone beneath the earth's surface capable of producing water for a well
Avgas	aviation gas (fuel)
BEE	Bio-Environmental Engineering
Bowser	portable fuel tank
Burnfill	solid wastes that have been burned prior to covering or filling
CERCLA	Comprehensive Environmental Response Compensation and Liability Act of 1980
cm/s	centimeters per second
confined	an aquifer condition in which the more permeable materials are confined between two less permeable strata, and in which artesian pressures cause water to rise in wells to levels above the base of the upper confining stratum
DEQPPM	Defense Environmental Quality Program Policy Memorandum
DoD	Department of Defense
FDTA	Fire Department Training Area
ft/day	feet per day
FID/GC	Flame ionization detection/gas chromatographic techniques.

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groundwater divide	a theoretical dividing line in the water table on each side of which the water table slopes away, forming a boundary between separate groundwater basins
GC	gas chromatographic analytical instrument or method
gneiss	a coarse-grained, metamorphic rock consisting of banded, linearly oriented minerals
gpm	Gallons per minute
gpd	gallons per day
HARM	Hazard Assessment Rating Method
HNu	a common brand name for a volatile organic vapor photoionization detection meter
IRP	Installation Restoration Program
JP-4	jet fuel
JP-7	jet fuel
K	common symbol for hydraulic conductivity
kame	referring to ice-contact deposits
Metasedimentary	Metamorphic bedrock derived from sedimentary parent material
ug/g	micrograms per gram (equal to mg/kg, and equivalent to parts per million in solids
ug/l	micrograms per liter (equivalent to parts per billion in water)
mg/l	milligrams per liter (equivalent to parts per million in water)
mgd	million gallons per day
Mogas	motor fuel
MSL	mean sea level datum
N	north
NGVD	National Geodetic Vertical Datum
No.	number

Appendix A (cont.)

Organoleptic	Relating to taste and odor
outwash	relatively coarse, well-sorted sediment deposited by melt water streams beyond the margin of a glacier.
PCB	polychlorinated biphenyl compound
perched	a saturated zone above the main saturated groundwater flow zone or aquifer, and separated from the main aquifer by a zone of low permeability.
P.G.	Registered Professional Geologist
Ph.D.	Doctor of Philosophy Degree
Podzols	zonal soil having surface layer of mats of organic material overlying gray leached horizons and dark brown alluvial horizons
POL	petroleum oil and lubricants
potentiometric (piezometric) surface	surface defined by the levels to which water will rise in wells penetrating a single aquifer, caused by hydrostatic pressure
ppb	parts per billion (equivalent to ug/l in water)
ppm	parts per million (equivalent to mg/l in water)
PVC	Polyvinyl chloride, common material used in manufacture of plastic pipe.
RCRA	Resource Conservation and Recovery Act of 1976
SAC	Strategic Air Command
SNARL	"Suggested No Action Response Level"; see 20 August 1981 EPA memo (Appendix J). A "SNARL" is a suggested guidance criterion. It is not a federally adopted drinking water standard, nor has it been incorporated as a performance regulation in other federal environmental legislation.
USAFOEHL	United States Air Force Occupational and Environmental Health Laboratory

Appendix A (cont.)

semi-confined	an aquifer condition in which the confined strata above the aquifer are not laterally continuous
specific capacity	the sustained yield of a well divided by the drawdown in that well after a stabilized pumping condition is obtained (reported in gpm/foot)
square feet/day	square feet per day
TCE	Trichloroethylene, a volatile organic compound used as a solvent
transmissivity	the volume of water that can move through an aquifer per unit time per unit width of a saturated layer under a unit hydraulic gradient
TVOR	Tracking Vertical Orientation Radar
unconfined sediments	sediments that are uncemented and thus include interconnected void space (primary porosity) that allows storage and transmission of significant volume of groundwater
USAF	United States Air Force
USEPA	United States Environmental Protection Agency
USGS	United State Geological Survey, Department of the Interior
Vadose Zone	unsaturated zone above the water table; area that contains soil water under unsaturated conditions
VOC	Volatile Organic Analysis
water table	the level below which earth materials are saturated with water

APPENDIX B

TASK ORDER, STATEMENT OF WORK

Installation Restoration Program

Phase II - Confirmation/Quantification (Stage 1)

Pease AFB New Hampshire*

I. Description of Work

The purpose of this task is to undertake a field investigation at Pease AFB NH: (1) to confirm the presence or absence of environmental contamination within specified sites or zones of investigation; (2) if contamination exists, to determine the potential for contaminant migration in the various environmental media; (3) to identify additional investigations necessary to determine the magnitude, extent, direction and rate of contaminant migration; and (4) identify potential environmental consequences and health risks of migrating pollutants.

The Phase I IRP Report (mailed under separate cover) incorporates the background and description of the sites/zones for this task. To accomplish this survey effort, take the following actions:

A. General

1. Monitor all well drilling and test pit and borehole digging with a photoionization meter or equivalent organic vapor detector to identify potential generation of hazardous and/or toxic vapors or gases. Include monitoring results in the boring logs. If soil encountered during well drilling, power augering or test pit operations is suspected to be hazardous because of discoloration or odor, containerize the soil and obtain a composite soil sample for testing. Test each barrel containing contaminated soils. Collect a maximum of 25 samples and test them for EP Toxicity abd Ignitibility.

2. Determine the exact field locations of all test pits, auger holes and monitor wells during the planning/mobilization phase of the field investigation. Consult with base personnel to minimize disruption of base activities, to properly position borings with respect to exact locations of spill/leak sites, and to avoid utilities. The senior on-site contract representative in consultation with a government point of contact (see Section V) establishes the final locations. A contractor technician shall direct the drilling and sampling and maintain a detailed log of the conditions and materials penetrated during the course of the work.

3. Analyze all water samples collected on site for pH, temperature, and specific conductance. Comply with the following references concerning sampling, maximum holding time, and sample preservation: Standard Methods for the Examination of Water and Wastewater, 15th Ed. (1980), pp. 35-42; ASTM Section II, Water and Environmental Technology; Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, EPA-600/4-82-057; and Methods for Chemical Analysis of Waters and Wastes, EPA Manual 600/4-79-020, pp. xiii

*Highlights of modification underscored

to xix (1979). Meet the required detection limits of the applicable EPA method identified in Table 1, Attachment 1 for all water and soil chemical analyses.

4. Permanently mark each location where surface water or sediment samples are collected, or where soil borings are drilled. Record the location on a project map for each specific site or zone, whichever is applicable.

5. Plot and map field data collected for each site/zone. Estimate the nature, magnitude, and potential for contaminant flow to receiving streams and groundwaters. Upon completion of the sampling and analysis, tabulate the data in the next R&D Status report as specified in Item VI below. Provide raw data to the USAFOEHL upon request.

6. Determine the areal extent of the sites/zones by reviewing available aerial photos of the base, both historical and the most recent panchromatic and infrared.

7. Split all water and soil samples as part of the contractor's specific Quality Assurance/Quality Control (QA/QC) protocols and procedures. Analyze one set of samples and forward the other set of samples through overnight delivery to:

USAFOEHL/SA
Bldg 140
Brooks AFB TX 78235

Include the following information with the samples sent to the USAFOEHL:

a. Purpose of sample (analyte)

b. Installation name (base)

c. Sample number (on containers)

d. Source/location of sample

e. Contract Task Numbers and Title of Project

f. Method of collection (bailer, suction pump, air-lift pump etc.)

g. Volumes removed before sample taken

h. Special Conditions (use of surrogate standard, etc.)

i. Preservatives used (indicate if nonstandard)

Forward this information with each sample by properly completing an AF Form 2752 (mailed under separate cover). In addition, attach copies of field logs which document sample collection.

Maintain chain-of-custody records for all samples, field blanks, and quality control duplicates.

8. Analyze an additional 10% of all sample parameters, for quality control purposes, as indicated in Table 2, Attachment 2.

9. Install groundwater monitor wells using the following specifications:

a. Comply with the U.S. EPA Publication 330/9-S1-002, NEIC Manual for Ground Water/Subsurfaoe Investigations at Hazardous Waste Sites for monitoring well installation.

b. Install wells at a sufficient depth to collect samples representative of aquifer quality and to intercept contaminants if they are present. Develop each well as soon as practical after completion by surging and/or bailing with a PVC or stainless steel bailer. Continue well development until the discharge water is clear and free of sediment to the fullest extent possible.

c. Drill each well using hollow-stem auger techniques. Where hollow-stem auger drilling methods are not capable of completing well construction due to the presence of bedrock, use alternate drilling methods as needed. Bedrock drilling should not exceed 150 feet. Describe and log representative geologic samples at 5-foot intervals and compile formation logs. Include each pilot boring log and well completion summaries in the Final Report (as specified in Item VI below).

d. Install 35 groundwater monitoring wells, the total maximum well depth not to exceed 1800 linear feet. Construct wells of 2-inch inside diameter, Schedule 40 PVC casing using threaded, screw-type joints. Glued fittings are not permitted. Extend the well screen zone through the full range of saturated unconsolidated deposits. Screen each well using two-inch inside diameter, PVC casing with up to 0.020 inch slots. Cap the bottom of the screen. Flush thread all connections. Gravel pack the annulus of the screened zone with washed sand or pea gravel with a grain size distribution compatible with the screen and the soil formation. Place the pack from the bottom of the borehole to 5 feet above the top of the screen. Install bentonite above the sand/gravel pack to a minimum thickness of two feet. Insure the bentonite forms a complete seal. Grout the remainder of the hole to the land surface with Type I Portland cement grout.

e. Perform confirmatory bedrook coring in nine (9) boreboles, each bedrock coring approximately five feet deep. The total maximum bedrook coring shall not exceed 50 feet.

f. Base officials determine which method is used to complete the well surface:

(1) If well stick-up is of concern in an area, complete the well flush with the land surface. Cut the PVC casing two to three inches below land surface, and cement a protective locking lid in place. The

protective lid shall consist of a cast-iron valve box assembly cemented in place with concrete. Insure that free drainage is maintained within the valve box. Also, provide a PVC casing cap to prevent infiltration of surface water.

(2) If an above ground surface completion is used, extend the PVC well casing two or three feet above land surfaoe. Provide an end-plug or casing cap for each well. Shield the extended PVC casing with a steel guard pipe which is placed over the PVC casing and cap, and seated in a 16-inch by 16-inch by 4-inch concrete surface pad. Install a lockable cap or lid at the casing. Install three three-inch diameter steel guard posts if the base determines the well needs such protection. The guard posts shall be six feet in total length and installed radially from each wellhead. Recess the guard posts approximately 2 feet into the ground and insure they are removable to facilitate access for sampling pump installation. Provide a locking mechanism to prevent unauthorized removal.

g. Determine by survey the elevations of all newly installed monitoring wells to an accuracy of 0.05 feet with respect to a base bench mark. Horizontally locate the new wells to an accuracy of 10 feet and record the position on both project and site specific maps. Bench marks used must have previously been established from and are traceable to a USCGS survey marker.

h. Measure water levels in all installed wells to the nearest 0.01 feet.

10. Purge wells prior to sampling. Purge until three well volumes of water have been displaced or until the pH, temperature, specific conductance, color, and odor of the discharge has stabilized. Use a stainless steel bottom-discharge bailer or bladder pump to purge wells. Sample using a 2-inch stainless steel Kemmerer sampler or bladder pump. The first step in ground water sampling operations at each well is to measure the water level to the nearest 0.01 foot with respect to an established bench mark on top of the well casing.

11. If the well(s) cannot be sampled due to well development, well characteristics, or other reason(s), indicate the reason(s) in the report specified in Item VI below.

12. Second-column confirmation is required when detection limits exceed values identified in Table 4, Attachment 4, for EPA Methods 601 and 602 and Standard Methods 509A and 509B. Conduct second column confirmation on a maximum of 50% of the samples collected for these analyses. Total number of samples for Methods 601 and 602 in Table 2 include these confirmation analyses. Report all procedures used and existing conditions.

13. Employ test pits and/or shallow soil borings as needed to identify optimum well locations. The average depth of soil borings or test pits shall be approximately 10 feet. Dig a maximum of 58 shallow soil borings/test pits, the total maximum depth not to exceed 600 linear feet. Obtain soil samples using stainless steel split-spoon techniques, ASTM Method D-1536. Develop lithographic descriptions and strategraphic logs during shallow soil augering and test pit digging. Place special emphasis on the visual identification of contamination.

14. Should saturated conditions be encountered in a test pit or shallow soil boring, install temporary monitoring points consisting of one-inch PVC pipe with VYON screen to measure the water table. Examine the surface of the water table for the presence of hydrocarbons, and measure the thickness of the hydrocarbon layer. The maximum number of these temporary monitoring points is 21. Do not collect samples for analytical purpose from these temporary monitoring points.

15. Upon completion of each shallow boring, grout the borehole from the bottom of the hole to the land surface. Following test pit evaluations, fill in the test pit to the original land elevation.

16. Collect stream sediment samples using hand auger techniques. Composite each sample from the streambed surface to six inches deep. Place special emphasis upon the visual identification of contaminants.

17. Remove all well and power auger cuttings and clean the general area following the completion of each well or borehole. Properly containerize cuttings suspected of being hazardous waste (based on discoloration, odor or organic vapor detection instrument) according to base Civil Engineering requirements. Test the suspected hazardous waste for EP Toxicity and Ignitibility. The contractor is not responsible for ultimate disposal of the contaminated drill cuttings. Disposal will be through base personnel.

18. Analyze water and soil samples collected as specified in Section B for those parameters summarized in Table 2. The required detection limits and methods for these analyses are delineated in Table 1.

19. Collect and analyze two rounds of water samples from all groundwater monitoring wells and surface water sample points. Collect the initial sample following well development and the second sample approximately 30 days later. During sample collection from all wells, examine the surface of the water table for the presence of hydrocarbons, and, if applicable, measure the thickness of the hydrocarbon layer.

20. Conduct a literature search of local hydrogeologic conditions.

21. Inventory all wells (active, inactive, abandoned, monitor, etc.) on base.

B. In addition to the items specified in A above, conduct the following specific actions at the sites identified:

1. Site 8, Fire Department Training Area No. 2

a. Conduct a test pit/power auger investigation in the suspected area of contamination according to section A.13. A maximum of eight test pit/auger holes is authorized. Determine the exact locations in the field. If needed, install a maximum of four temporary monitoring points according to section A.14.

b. Collect a maximum of six soil samples from the test pit/auger holes and analyze them for the parameters listed in Table 2.

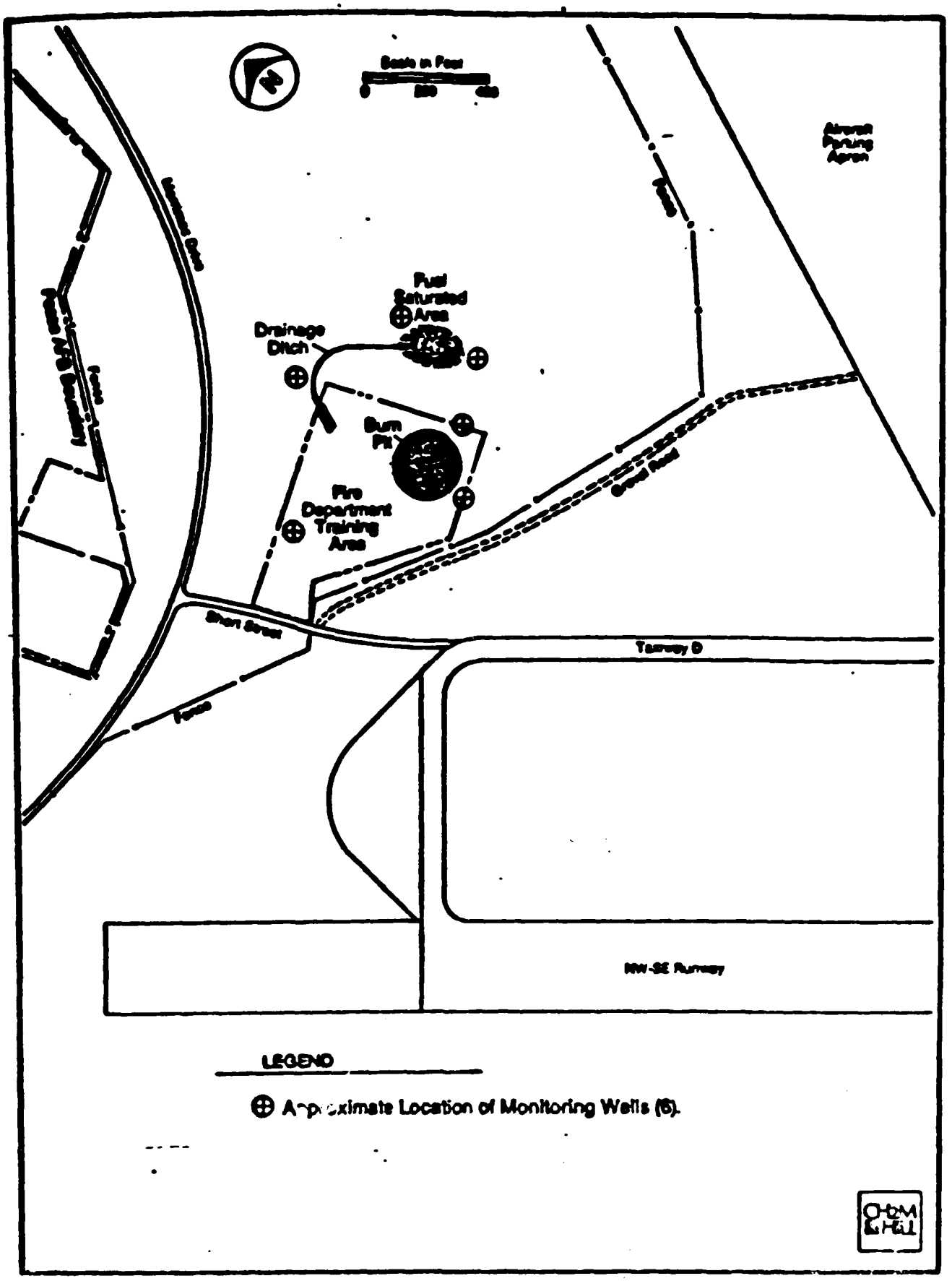


FIGURE 1. RECOMMENDED MONITORING WELL LOCATIONS FOR SITE NO. 8—FIRE DEPARTMENT TRAINING AREA NO. 2

c. Drill and install six groundwater monitoring wells according to section A.9, the estimated average depth of each well is 40 feet. Position the wells according to Figure 1, the exact location to be determined in the field.

d. Collect and analyze well water samples according to sections A.18, A.19, and Table 2.

2. Zone 1: Site 13, Bulk Fuel Storage Area, and Sites 2, 3, 4, and 5, Landfills 2, 3, 4, and 5.

a. Drill and install nine groundwater monitoring wells according to section A.9, the estimated average depth of each well is 30 feet. Position the wells according to Figure 2, the exact locations to be determined in the field.

b. Collect and analyze well water samples according to sections A.18, A.19 and Table 2. Note that samples from the four wells around the Bulk Fuels Storage Area shall be analyzed for less parameters than those collected around the landfills.

c. Designate eight surface water sampling points according to Figure 2, determine the exact locations in the field.

d. Collect and analyze surface water samples according to sections A.18, A.19 and Table 2. Note that the sample point northeast of the Bulk Fuels Storage Area shall be analyzed for less parameters than those collected at the other seven monitoring points.

3. Zone 2: Site 7, Fire Department Training Area No. 1, and Site 1, Landfill 1.

a. Conduct a test pit/power auger investigation to refine the location of FDTA No. 1 according to section A.13. A maximum of six test pit/auger holes is authorized, determine exact locations in the field.

b. Collect a maximum of three soil samples from the test pit/ auger holes and analyze them for parameters listed in Table 2.

c. Drill and install four groundwater monitoring wells according to section A.9, the estimated average depth of each well is 50 feet. Position the wells according to Figure 3, determine the exact locations in the field. Confirm bedrock by coring approximately five foot sections in two of the well boreboles.

d. Collect and analyze well water samples according to sections A.18, A.19 and Table 2. Note that the analysis parameters for samples collected from the well at FDTA No. 1 and those from the wells at Landfill 1 are different.

e. Designate four surface water sampling points according to Figure 3, determine the exact locations in the field.

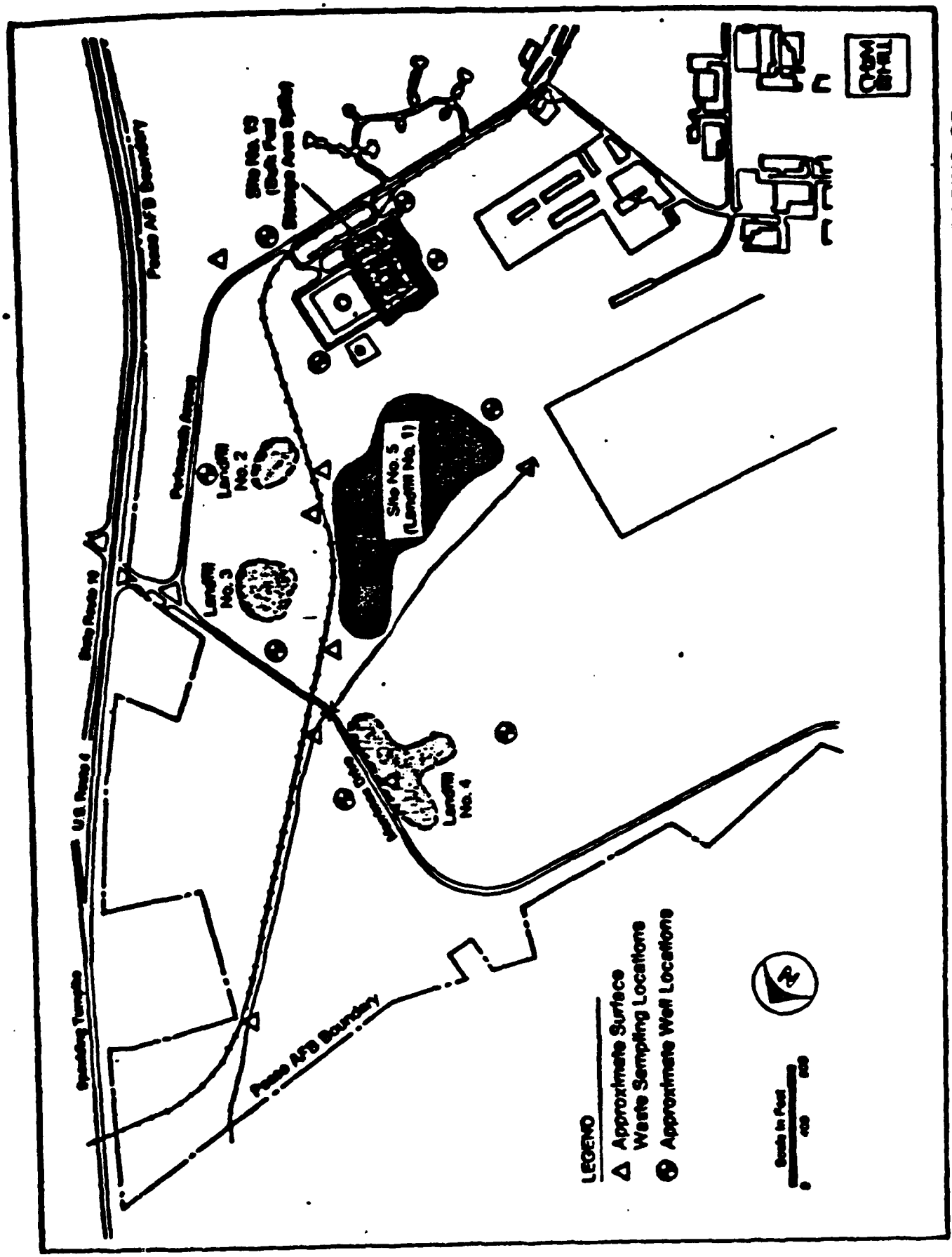


FIGURE 2 RECOMMENDED APPROXIMATE SAMPLING LOCATIONS FOR ZONE MONITORING OF

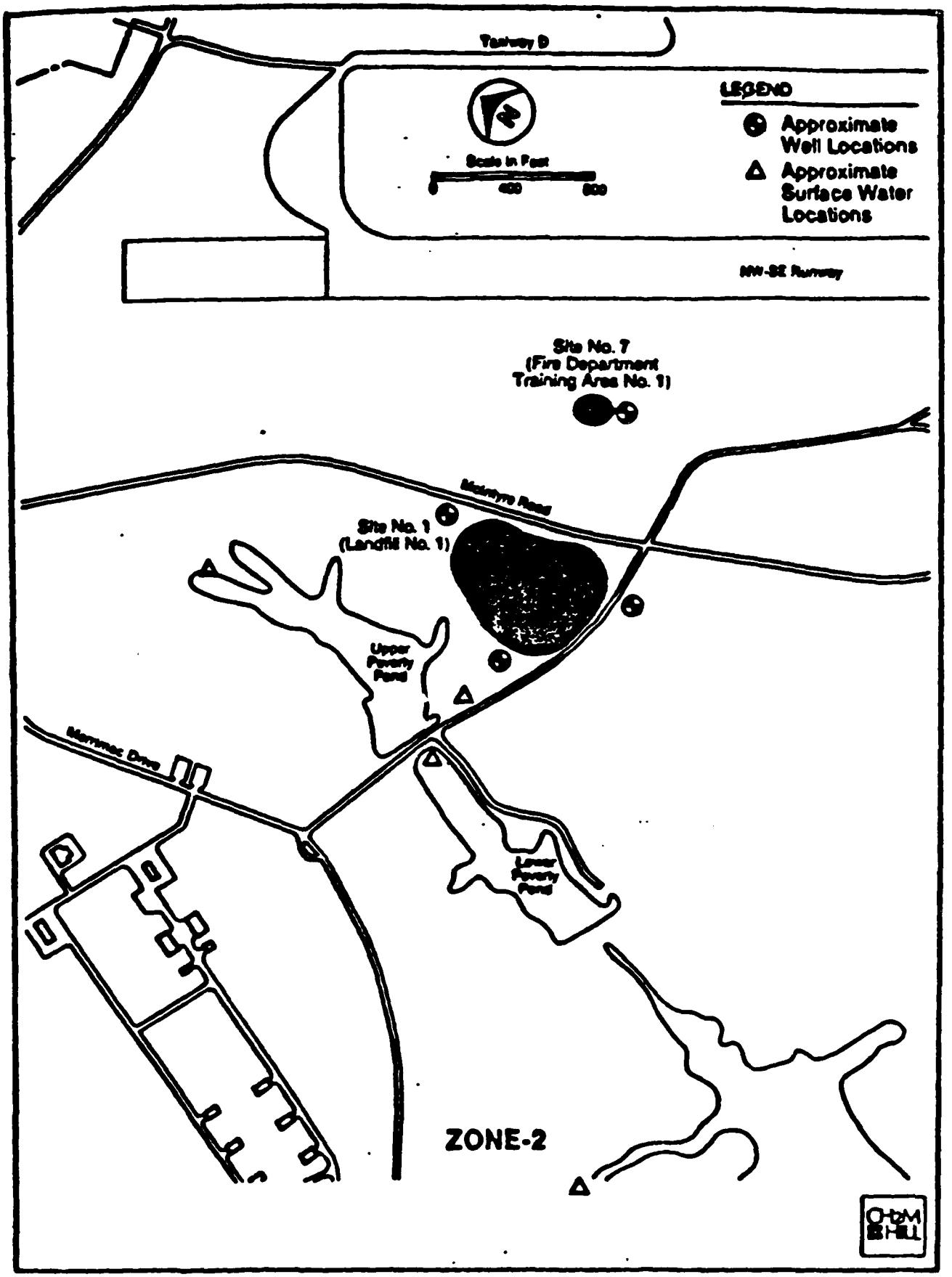


FIGURE 3. RECOMMENDED APPROXIMATE SAMPLING LOCATIONS FOR ZONE MONITORING OF SITE NO. 1—LANDFILL NO. 1 AND SITE NO. 7—FIRE DEPARTMENT TRAINING AREA NO. 1.

f. Collect and analyze surface water samples according to sections A.18, A.19 and Table 2.

4. Zone 3, Site 15, Industrial Shops/Parking Apron

a. Conduct a test pit/power auger investigation in the suspected areas of contamination according to section A.13. A maximum of 25 test pit/auger holes is authorized. Determine the exact location in the field. Section A.14 applies, a maximum of 12 temporary monitoring points are authorized.

b. Collect a maximum of 17 soil samples from the test pit/auger holes and analyze them for parameters listed in Table 2.

c. Drill and install seven groundwater monitoring wells according to Section A.9, the estimated average depth of each well is 80 feet. Position the wells according to Figure 4, determine the exact locations in the field. Confirm bedrock by coring approximately five foot sections in three of the well boreholes.

d. Collect and analyze well water samples according to sections A.18, A.19 and Table 2.

e. If any subsurface abandoned waste tanks are observed and found to be accessible, sample the contents, if any. A maximum of six liquid samples is authorized. Analyze samples for those parameters listed in Table 2.

5. Zone 4: Sites 19, 20 and 21, Storm Drains, and Active Production Wells.

a. Designate six water sampling points, two each per Sites 19, 20, and 21 (Grafton and Newfields ditches and McIntyre Brook). Determine the exact locations in the field.

b. Collect and analyze surface water samples from the six sample points at Sites 19, 20 and 21 according to Sections A.18, A.19 and Table 2.

c. Collect and analyze six stream sediment samples according to Section A.16 and Table 2. Determine exact sample locations in the field.

d. Collect and analyze two rounds of water samples from the six production drinking water wells: Smith, Harrison, Haven, Loomis, MMS No. 1 and MMS No. 2. Second round samples should be collected approximately 30 days after tbe initial round collection. Analyze the samples for those parameters listed in Table 2.

6. Site 12, Munitions Storage Area

a. Conduct a power auger investigation in the suspected area of contamination according to Section A.13. A maximum of five auger holes is authorized. Determine the exact locations in the field. Section A.14 applies, a maximum of five temporary monitoring points are authorized.

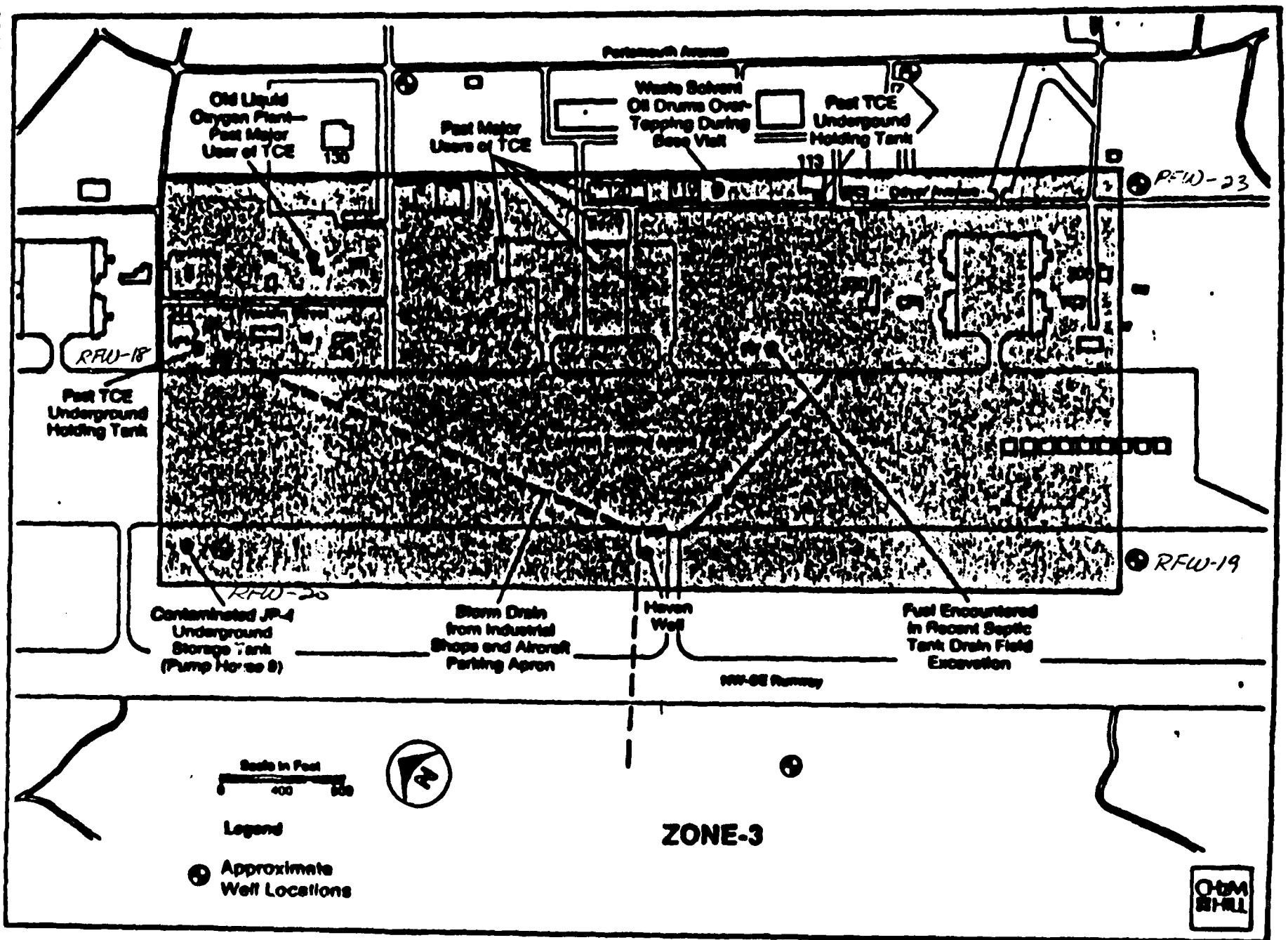


FIGURE 4. SITE NO. 15—INDUSTRIAL SHOP/PARKING APRON ZONE.

b. Collect and analyze a maximum of three soil samples from the auger holes and analyze them for parameters listed in Table 2.

c. Attempt to locate and sample an existing well in close proximity to Site 12, sections A.10 and A.19 apply. Analyze tha water samples for those parameters listed in Table 2.

d. Collect and analyze surface water samples from two locations on an unnamed tributary north of the site. Sections A.18 and A.19 apply. Analyze samples for those parameters listed in Table 2.

7. Site 9, Construction Rubble Dump No. 1

a. Attempt to locate and sample two existing wells in close proximity to Site 9, sections A.10 and A.19 apply. Analyze these water samples for parameters listed in Table 2.

b. Designate three water sampling points along the adjacent Pickering Brook. Determine tbe exact locations in the field, insure they are within the installation boundry.

c. Collect and analyze water samples from these surface points according to sections A.18, A.19 and Table 2.

8. Zone 5: Site 6, Landfill 6, and Site 17, Construction Rubble Dump No. 2.

a. Drill and install four groundwater monitoring wells according to section A.9, the estimated average depth of each well is 25 feet. Position the wells as shown in Figure 5, determine the exact location in the field. Confirm bedrock by coring approximately five foot sections in two of the well boreholes.

b. Collect and analyze well water samples according to sections A.18, A.19 and Table 2.

c. Designate six surface water sampling points in this zone, approximate locations are shown in Figure 5, determine exact locations in field. Insure sampling points are within the installation boundary.

d. Collect and analyze water samples from these surface points according to Sections A.18, A.19 and Table 2.

9. Site 10, Leaded Fuel Tank Sludge Disposal Area

a. Attempt to define site boundaries by historical air photo review. Perform a geophysical survey screening using ground penetrating radar and flux gate magnetometer to further define the site and locate buried drums.

b. Conduct a test pit/power auger investigation in the suspected areas of contamination according to Section A.13. A maximum of six test pit/auger holes is authorized. Determine the exact locations in the field.

FIGURE 5. DRILLING AND SAMPLING LOCATIONS

c. Collect and analyze a maximum of six soil samples from the test pit/auger holes as listed in Table 2.

d. Drill and install three groundwater monitoring wells according to Section A.9, the estimated average depth of each well is 50 feet. Position two wells fifty feet from the site perimeter consistent with the assumed downgradient direction of groundwater flow. Place the third monitor well fifty feet from the site perimeter consistent with the assumed upgradient direction of groundwater flow. Confirm bedrock by coring an approximate five foot section in one of the well boreholes.

e. Collect and analyze well water samples according to Sections A.18, A.19 and Table 2.

10. Zone 6: Site 11, FMS Equipment Cleaning, and Site 14, Fuel Line Spill.

a. Conduct test pit/auger hole investigations according to Section A.13 to define these sites. A maximum of eight test pit/auger holes is authorized, determine exact locations in the field.

b. Collect a maximum of six soil samples from the test pit/auger holes, three at Site 11 and three at Site 14. Analyze these samples for the parameters listed in Table 2.

c. Drill and install two groundwater monitoring wells according to Section A.9, the estimated average depth of each well is 60 feet. The approximate position of the wells is shown in Figure 6, determine tbe exact locations in the field. Confirm bedrock by coring an approximate five foot section in one of the well boreholes.

d. Collect and analyze well water samples according to Sections A.18, A.19 and Table 2.

C. Data Review

1. Tabulate sampling and analysis results, incorporate them into the monthly R&D Status Reports and forward them to the USAFOEHL for review as soon as they become available as specified in Item VI below.

2. Upon completion of all analyses, tabulate and incorporate all results into an Informal Technical Information Report (Atch 1, Seq 3 as specified in Item VI below) and forward to USAFOEHL for review.

D. Reporting

1. Prepare a draft report following tbe USAFOEHL supplied report format (mailed under separate cover). Delineate all findings of this field investigation and forward it to the USAFOEHL (as specified in Item VI below) for Air Force review and comment.

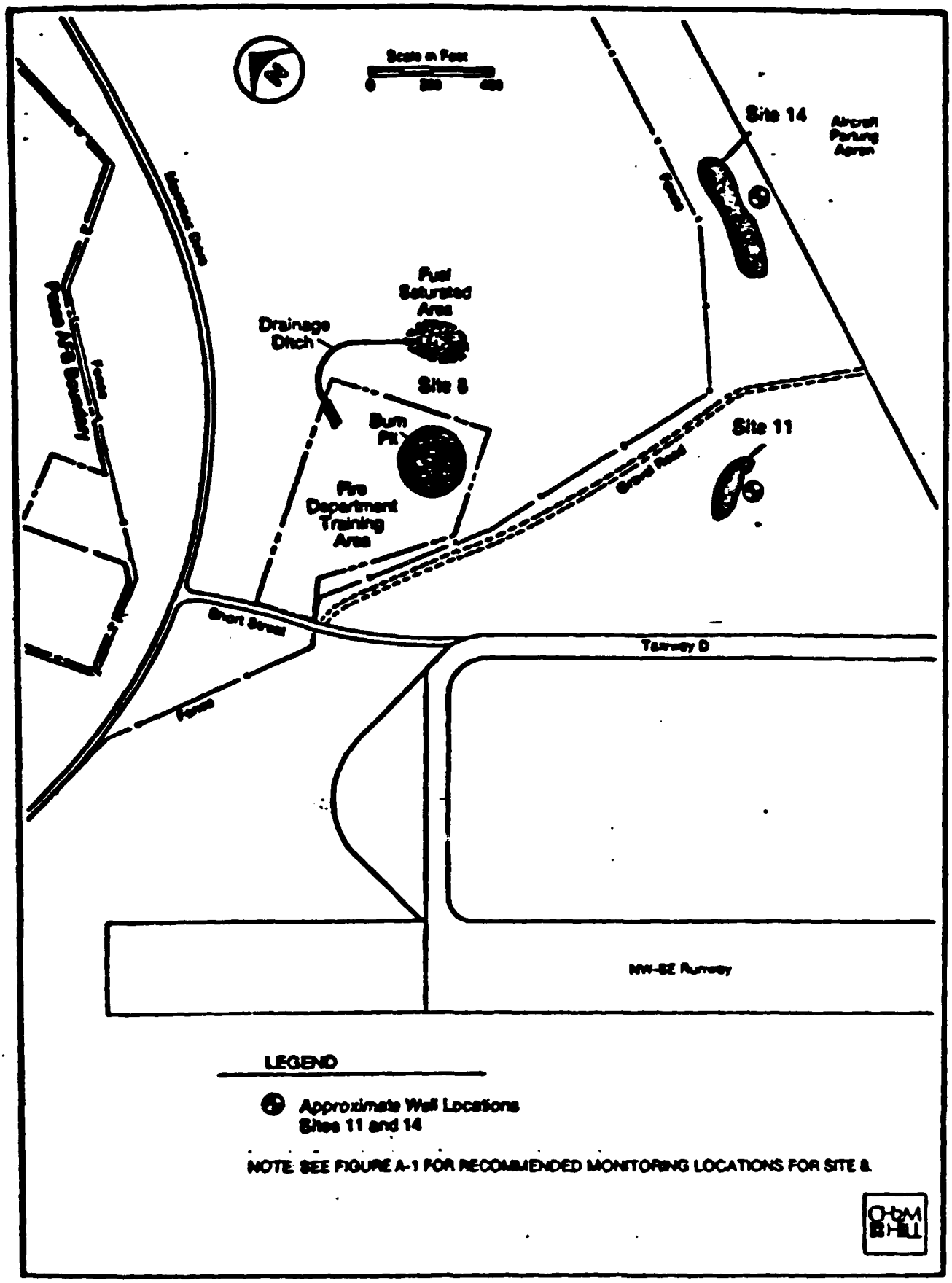


FIGURE 6. MONITORING LOCATIONS FOR SITE 11 AND 14

2. Include in this report a discussion of regional/site specific hydrogeology, well and boring logs, data from water level surveys, groundwater surface and gradient maps and available geohydrologic cross sections.

3. In the results section, include water and soil analysis results, field quality control sample data, internal laboratory quality control data (laboratory blanks, spikes and duplicates), and laboratory quality assurance information. Provide second column confirmation results and include which columns were used, the conditions and retention times.

4. Summarize the specific collection technique, analytical method, holding time and limit of detection used for each analyte (Standard Methods. EPA, ASTM, etc.).

5. In the recommendation section, address each site and list them by categories. Category I consists of sites where no further action, including remedial action, is required. Data for these sites are considered sufficient to rule out unacceptable health or environmental risks. Category II sites are those requiring additional monitoring or work to quantify or further assess the extent of current or future contamination. Category III sites are sites that will require remedial actions (ready for IRP Phase IV actions). In each case, summarize or present the results of field data, environmental or regulatory criteria, or other pertinent information supporting these conclusions.

6. Make estimates of the magnitude, extent and direction of movement of detected contaminants. Identify potential environmental consequences of discovered contamination, where known.

7. Identify specific requirements, if any, for future groundwater and surface water monitoring.

Prepare a Work Plan for the next effort. This Work Plan will be prepared according to the outline that will be sent under separate cover and will be in accordance with the intent of EPA guidance on the preparation of work plans for RI/FS projects. The Work Plan will summarize the pertinent issues of the environmental setting in and around Pease AFB to provide the environmental context for the investigation. This document will also describe the activities that will be conducted in the next effort and will provide justification / rationale for these activities.

Prepare the Quality Assurance Project Plans for the next effort at Pease AFB. These Plans include the Health and Safety Plan, Site Management Plan, Quality Assurance Plan, Community Relations Plan, and Sampling Plan. These Plans will present, in detail, the methods and procedures that will be used to carry out the effort described in the Work Plan.

8. Provide an inventory of all on base wells.

E. Meetings

The project leader shall attend one meeting with representatives of the Air Force and regulatory agencies to take place at Pease AFB for a duration of one day (eight hours). Meeting will be called by the USAFOEHL.

II. SITE LOCATION AND DATES:

Pease AFB NH
Building and time to be established.

III. BASE SUPPORT: Pease AFB will provide the following:

A. Prior to any contractor digging or drilling, locate underground utilities and issue digging permits.

B. Temporary construction barriers and parking/traffic control support for wells sited in vehicle traffic areas.

C. Transport of contaminated drill cuttings and designation of a disposal site for these cuttings.

D. Transport of contaminated groundwater and designation of a disposal site for contaminated groundwater generated during well development.

IV. GOVERNMENT FURNISHED PROPERTY: None

V. GOVERNMENT POINTS OF CONTACT:

1. Maj Randall C. Ostraat
USAFOEHL/TS
Brooks AFB TX 78235-5501
(512) 536-2158
AV 240-2158

2. Col Ronald D. Burnett
HQ SAC/SGPB
Offutt AFB NE 68113
(402) 294-4651
AV 271 4651

3. Lt Richard McCoy
USAF Hosp Pease/SGPB
Pease AFB NH 03801
(603) 430-2208
AV 852-2208

4. Mr Gerald Dexter
509 CES/DEEV
Pease AFB NH 03801
(603) 430-2586
AV 852-2586

VI. In addition to sequence numbers 1*, 5 and 11 listed in Atch 1 to the contract, which are applicable to all orders, the reference numbers below are applicable to this order. Also shown are data applicable to this order.

*Forward a copy of R&D Status Report to all government POCs indentified in Section V.

Atch 1

Sequence No.	Block 10	Block 11	Block 12	Block 13	Block 14
3	O/TIME	**	**		2
4 (Report)	ONE/R	85DEC01	86APR05	87JUN15	*
4(WORK) (PLAN) (QAPP)	ONE/R	87JUN30	87JUN30	87AUG15	***

*Two draft reports are required. After incorporating Air Force comments concerning the first draft report, supply the USAFOEHL with one copy of the second draft report. Upon acceptance of the second draft, distribute the remaining 24 copies as specified by the USAFOEHL. Supply 50 copies plus the original camera ready copy of the final report and distribute them as specified by the USAFOEHL.

**Upon completion of analytical effort.

***An advance copy of the draft report is required by USAFOEHL/TS. Nineteen copies of the draft report are required. After incorporating comments concerning the first draft report, supply the USAFOEHL/TS with one copy of the advance final report. Nineteen copies of the final report are required. Distribution of all reports will be specified by USAFOEHL/TS.

TABLE 1

ANALYTICAL PARAMETERS, METHODS AND REQUIRED DETECTION LIMITS

Detection limits are both µg/g for soil and µg/L for water unless noted otherwise:

PARAMETER	METHOD	DETECTION LIMIT
Oil and Grease (using IR)	EPA 413.2	100
Total Organic Carbons (TOC)[a]	EPA 415.1	1000
Total Organic Halogen (TOX)[a]	EPA 9020	5
Purgeable Organics (VOC)	EPA 601 and 602	b
Cyanide	Standard 412	2 µg/g soil, 10 µg/L water
EP Toxicity	EPA 7310	c
Ignitibility	EPA 1010	d
Phenol	EPA 420.1	1
Arsenic[f]	EPA 206.2 or 206.3	10
Barium[f]	EPA 208.2	200
Cadmium[f]	EPA 213.2	0.2 µg/g soil, 10 µg/L water
Copper[f]	EPA 220.1	0.4 µg/g soil, 20 µg/L water
Chromium[f]	EPA 218.1	5 µg/g soil, 50 µg/L water
Iron total[g]	EPA 236.1	100
Lead[f]	EPA 239.2	2 µg/g soil, 20 µg/L water
Mercury[f]	EPA 245.1 (water) and 245.5 (soils)	0.1 µg/g soil, 1 µg/L water
Nickel	EPA 249.1	100
Selenium[f]	EPA 270.3	10
Silver[f]	EPA 272.2	10

(Table 1 Continued)

PARAMETER	METHOD	DETECTION LIMIT
Specific Conductance	EPA 120.1	1[c] (water)
Zinc[g]	EPA 289.1	50
Aldrin	Standard Method 509A	0.02
DDT isomer	Standard Method 509A	0.02
Dieldrin	Standard Method 509A	0.02
Endrin[f]	Standard Method 509A	0.02
Heptachlor	Standard Method 509A	0.02
Heptachlor epoxide	Standard Method 509A	0.02
Lindane[f]	Standard Method 509A	0.01
Methoxychlor[f]	Standard Method 509A	0.20
Diazinon	Standard Method 509A	0.02
Malathion	Standard Method 509A	0.10
Parathion	Standard Method 509A	0.02
Toxaphene[f]	Standard Method 509A	1.00
2,4-D[f]	Standard Method 509B	0.06
2,4,5-T	Standard Method 509B	0.06
2,4,5-TP (silvex)[f]	Standard Method 509B	0.06

[a]Detection levels for TOC and TOX must be 3 time the noise level of the instrument. Laboratory distilled water must show no response. If so, corrections of positive results must be made.

[b]Detection limits for Purgeable Organics shall be as specified for the compounds by EPA Methods 601-602. Method: Federal Register, Vol. 44, No. 233, pp 69468-69473. This method should be strictly followed including these items:

Item 1.4 - This method is recommended by EPA for use only by experienced residue analysts or under the close supervision of such qualified persons.

Item 2.2 - This is most important. If interferences are encountered (as in early peaks such as vinyl chloride), the method provides a secondary chromatographic column that will be helpful in resolving the compounds of interest from interferences. This must be done in the case of vinyl chloride and so noted in the analysis report.

Item 3.3, 7.1-7.3 - These sections must be analyzed within the recommended holding times.

Item 8.3 - All samples must be analyzed within the recommended holding times. This must be followed without exception.

If questions are encountered about certain contaminants, you may be asked to show both chromatograms used to rule out possible interferences.

[c]

Metal	µg/L of solution
As	10
Ba	200
Cd	10
Cr	50
Pb	20
Hg	1
Se	10
Ag	10

[d]Find if sample is ignitible at 140 degrees Fahrenheit or below. If so, it is a hazardous waste.

[e]Concentration is in micromhos

[f]Primary Drinking Water Standard, 40 CFR 141.11

[g]Secondary Drinking Water Standard, 40 CFR 143.3

TABLE 2

IRP PHASE II, STAGE 1, SAMPLING PARAMETERS

PEASE AFB NH

Area	Number and Type Samples	TOX	TOC	Oil & Grease	Cyanide	Pesti-[a] cides	Phenol	Metals [b]	VOC[c]
Site 8	6S	X	-	X	-	-	-	-	-
	13W*	X	X	X	-	-	-	-	-
Zone 1, Site 13	9W*	X	X	X	-	-	-	-	-
	2SW	X	X	X	-	-	-	-	-
Site 2, 3, 4 & 5	11W*	X	X	X	X	17[d]	X	X	-
	9SW*	X	X	X	X	14[d]	X	X	-
Zone 2, Site 7	3S	X	-	X	-	-	-	-	-
	2W	X	X	X	-	-	-	-	-
Site 1	6W	X	X	X	X	9[d]	X	X	-
	9SW*	X	X	X	X	13[d]	X	X	-
Zone 3, Site 15	17S*	X	-	X	-	-	X	X	25[d]
	16W*	X	X	X	-	-	X	X	24[d]
	6T	X	X	X	-	-	-	-	9[d]
Zone 4 Sites 19, 20, 21	7SD*	X	-	X	-	-	-	X	-
	13SW*	X	X	X	-	-	-	X	-
Production Wells	13W*	X	X	X	-	-	-	X	20[d]
Site 12	3S	X	-	X	-	-	-	-	-
	4SW	X	X	X	-	-	-	-	-
	2W	X	X	X	-	-	-	-	-
Site 9	7SW*	X	-	X	-	-	-	-	-
	5W*	X	-	X	-	-	-	-	-
Zone 5 Sites 6 & 17	8W	X	X	X	-	-	X	X	-
	13SW*	X	X	X	-	-	X	X	-

Table 2 Continued

Area	Number and Type Samples	TOX	TOC	Grease	Cyanide	Pesti-cides[a]	Phenol	Metals[b]	VOC[c]
Site 10	6S	-	-	X	-	-	-	X[e]	-
	7W*	-	-	X	-	-	-	X[e]	-
Zone 6									
Site 11	4S*	X	-	X	-	-	-	-	-
	2W	X	X	X	-	-	-	-	-
Site 14	3S	-	-	X	-	-	-	-	-
	3W*	-	-	X	-	-	-	-	-
TOTAL*[f]	S	33	-	42	-	-	17	23	25[d]
	W	87	82	97	17	26[d]	41	61	44[d]
	SW	57	50	57	18	27[d]	30	43	-
	T	6	6	6	-	-	-	-	9[d]
	SD	7	-	7	-	-	-	7	-

* - Includes QA/QC samples
S - Soil samples
W - Well water sample
SW - Surface water sample
T - Storage tanks sample
SD - Sediment sample

Table 2 Continued

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

TABLE 3

CHEMICAL PARAMETERS FOR VOC ANALYSIS

Purgeable Halocarbons, EPA Method 601 602	Purgeable Aromatics, EPA Method
Bromodichloromethane	Benzene
Bromoform	Chlorobenzene
Bromomethane	1,2-Dichlorobenzene
Carbon tetrachloride	1,3-Dichlorobenzene
Chlorobenzene	1,4-Dichlorobenzene
Chloroethane	Ethylbenzene
2-Chloroethylvinyl ether	Toluene
Chloroform	
Chloromethane	
Dibromochloromethane	
1-2-Dichlorobenzene	
1,3-Dichlorobenzene	
1,4-Dichlorobenzene	
Dichlorodifluoromethane	
1,1-Dichloroethane	
1,2-Dichloroethane	
1,1-Dichloroethene	
trans-1,2-Dichloroethene	
1,2-Dichloropropane	
cis-1,3-Dichloropropene	
trans-1,3-Dichloropropene	
Methylene chloride	
1,1,2,2-Tetrachloroethane	
Tetrachloroethene	
1,1,1-Trichloroethane	
1,1,2-Trichloroethane	
Trichloroethene	
Trichlorofluoromethane	
Vinyl chloride	

TABLE 4

If analytes analyses exceed the detection limits identified below, second column confirmation is required:

EPA Method 601 & 602	Detection Level (µg/L)
Benzene	0.7
Carbon	4.0
Chloroform	10
1,2 Dichloroethane	0.1
Methylene Chloride	4.0
Tetrachloroethylene	4.0
Toluene	10
1,1,1-Trichloroethane	10
Trichloroethylene	1.0
Vinyl Chloride	1.0
Dichlorobenzene isomers	Sum greater than 10
Any other organics	>10

Standard Method 509A and 509B	Detection Level µg/L
Aldrin	10
Lindane	.004
2,4-D	10
2,4,5-T	10
2,4,5-TP (Silvex)	10
Dieldrin	10
Heptachlor	0.02
Heptachlor epoxide	0.01
Any other pesticide	>10

"Retention times on both columns must match before reporting positive values. If no match, it will be considered an interference."

APPENDIX C

WELL CONSTRUCTION SUMMARIES, BORING LOGS AND HYDRAULIC CONDUCTIVITY TEST RESULTS

WESTON

TEST BORING LOG

BORING NO. RFW-1

PROJECT : PEASE AFB PHASE II IRP

CLIENT : USAF

BORING CONTRACTOR : Con-Tec, Inc

SHEET NO 1 OF 1

JOB NO. 0628-09-05

ELEVATION 81.5

DATE STARTED 12/7/84

DATE FINISHED 12/10/84

DRILLER R. Smiley

INSPECTOR R. Ricard

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN
3/19/85		74.00	
4/2/85		71.38	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
Type II Portland Cement Grout; Bentonite pellets; Sch. 40 PVC Screen; Silica Sand Backfill; 2" ID Sch. 40 PVC Screen	0				Top soil Kama Plain Deposits fine to coarse SAND, some fine to coarse gravel	2.5' riser stick-up 1.0 ppm on HNu
	5	1	SS	10-16-15-17		
	10	2	SS		Marine Clay blue-gray clay Till Brown fine to coarse SAND and CLAY, little to some fine to coarse gravel	50 ppm on HNu
	15					
	20					
	25				Metasedimentary Bedrock Total depth 25'	
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. [illegible]

PROJECT : [illegible]	SHEET NO 1 OF 1
CLIENT : [illegible]	JOB NO. [illegible]
BORING CONTRACTOR : [illegible]	ELEVATION 8'.33
GROUND WATER :	DATE STARTED
DATE / TIME / WATER EL. / SCREEN	DATE FINISHED
	DRILLER [illegible]
9/8/87	INSPECTOR [illegible]

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	1	SS	4-7-10-7	dark brown organic silt, trace Karst Limestone Debris (Fill)	
	5	2	SS	5-46-32-43	yellowish brown [illegible]	
	10			40-24	[illegible] TILL brown [illegible]	
	15			9-7-8-10	[illegible]	
	20					
	25				[illegible]	
	30					
	35					
	40					
	45					

WESTON ENGINEERING CONSULTANTS

TEST BORING LOG

BORING NO.

PROJECT :

CLIENT :

BORING CONTRACTOR :

SHEET NO. OF

JOB NO.

ELEVATION

DATE STARTED

DATE FINISHED 9

DRILLER

INSPECTOR

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN
		7.	
9/22/		1	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0					
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. RFW-4

PROJECT : Paasa AFB Phase II IRP	SHEET NO 1 OF 1
CLIENT : USAF	JOB NO. 0629-05-05
BORING CONTRACTOR : Cox-Tac Inc.	ELEVATION 108.41
GROUND WATER : 10'	DATE STARTED 2/15/85
DATE / TIME / WATER EL. / SCREEN: 3/19/85 102.59; 4/29/85 100.40	DATE FINISHED 2/15/85
	DRILLER M. Weaver
	INSPECTOR J. O'Neill

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	NO.	TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
Paasa II Portland Cement; Bent.; 2" Sch 40 riser; 2" Sch 40 PVC Well Screen	0	1	SS	1-1-2-3	Topsoil Kame Plain Deposits fine to coarse SAND, some rock fragments Till Green/gray CLAY and fine to coarse GRAVEL weathered slate bedrock	No HNu readings above background 2.3' PVC stick-up ▼
	5	2	SS	22-82-110		
	10	3	SS	100/.4		
	15	4	SS	50/.4	Metasedimentary Bedrock	
	20	5	SS	100/.1		
	25				Total Depth 25'	
	30					
	35					
	40					
	45					

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG

BORING NO. REV-5

PROJECT : PEASE AFB - IRP PHASE II STUDY
SHEET NO 1 OF 1
CLIENT : US AIR FORCE - OEHL, BROOKS AFB, TX
JOB NO. 0624-09-05
BORING CONTRACTOR : CONTEC, INC
ELEVATION 99.72
GROUND WATER :
DATE STARTED 12/2/84
DATE FINISHED 12/4/84
DRILLER M. WEAVER
INSPECTOR G. SWAP

DATE	TIME	WATER EL.	SCREEN		TYPE	CAS.	SAMP.	CORE	TUBE
					DIA.				
12/4/84					WT.				
					FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	S-1	SS	2-6-6-8	GROUND MORAINE DEPOSITS TILL FINE SAND and fine to coarse silt little angular gravel	8" RECOVERY - DRY HNU-1.6 PPM ABOVE BACKGROUND
	5	S-2	SS	40-60-95		12" RECOVERY - DRY HNU - BACKGROUND
					Some fine to medium gravel little silt	
	10	S-3	SS	45-73 100/3"	FINE TO COARSE GRAVEL some fine to coarse sand, little silt	14" RECOVERY - DRY HNU - BACKGROUND
	15	S-4	SS	71-100/1"		5" RECOVERY - DRY HNU - BACKGROUND
	20	S-5	SS	100/3	▼ EST. FORMATION BEDROCK DRILLED WITH ROLLER BIT TO 29	3" RECOVERY - SATURATED HNU - BACKGROUND
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. RFI-1-G

PROJECT : Plasa AFB Phase II IRP	SHEET NO 1 OF 1
CLIENT : USAF	JOB NO. 0628-09-05
BORING CONTRACTOR : Con-Tec Inc.	ELEVATION 83.79
GROUND WATER : 4'	DATE STARTED 12/4/84
	DATE FINISHED 12/5/84
	DRILLER R. Smiley
	INSPECTOR R. Kraybill

DATE	TIME	WATER EL.	SCREEN
3/19/85		80.09	
4/29/85		79.38	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
Type II Retainer Cap; PVC riser; 12' ID 10 slot PVC screen; silica sand backfill	0				Kame Plain Brown fine SAND and SILT, trace cobbles	2.5' PVC stick-up ▼ bentonite pellets from 3 to 4'
	5	1	SS	17-20-18-16		
	10	2	SS	30/.3 37/0	Weathered saprolite from 12' with clay seams	
	15				Metasedimentary Bedrock	drilled 5' into bedrock w/ rollerbit
	20				Total depth - 20'	
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. RFW-7

PROJECT : Pease AFB Phase II IRP	SHEET NO 1 OF 1
CLIENT : USAF	JOB NO. 0628-09-05
BORING CONTRACTOR : Con-Tac Inc	ELEVATION 61.98
GROUND WATER : 3.5'	DATE STARTED 12/5/84
DATE / TIME / WATER EL. / SCREEN: 12/19/85 — 60.76; 4/24/85 — 57.95	DATE FINISHED 12/7/84
TYPE / DIA. / WT. / FALL: CAS. / SAMP. / CORE / TUBE	DRILLER R. Smiley
	INSPECTOR R. Ricard

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
4" PVC casing; 2" PVC screen	0				Kama Plain Deposits	bentonite pellets from 2.5 to 3.5'
					Brown fine to medium SAND, some silt, little gravel.	
	5	1	SS	17-17-13-42		moist at 6'
	10	2	SS	18-26-21-18		
	15	3	SS	50/.25	Metasedimentary Bedrock	confirmed bedrock by drilling with roller bit to 18
					Dark gray to gray slate/schist with granite veins (weathered)	
	20					
	25					
	30					
	35					
	40					
	45					

WESTON
ENGINEERS CONSULTANTS

TEST BORING LOG
BORING NO.

PROJECT :	SHEET NO. OF
CLIENT :	JOB NO.
BORING CONTRACTOR :	ELEVATION 7
GROUND WATER :	DATE STARTED
DATE / TIME / WATER EL. 70. / SCREEN	DATE FINISHED
9/29 / 67.85	DRILLER
	INSPECTOR

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0					
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG

BORING NO. RFW-2

PROJECT : PEASE AFB - IRP PHASE II STUDY
SHEET NO 1 OF 1
CLIENT : US AIR FORCE - OEHL BROOKS AFB, TX
JOB NO. 06[illegible]
BORING CONTRACTOR : CONTEC INC
ELEVATION 45.03

GROUND WATER: DATE	TIME	WATER EL.	SCREEN
3[illegible]		45.03	
4[illegible]		43.37	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

DATE STARTED 11/29/[illegible]
DATE FINISHED 11/30/[illegible]
DRILLER M. [illegible]
INSPECTOR G. SMA[illegible]

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
[illegible]	0	S-1	SS	2-3-6-9	MARINE CLAY DEPOSITS CLAY and fine to coarse silt little fine to coarse sand some silt, trace weathered pebbles, silt stringers 9.5' ▼	14" RECOVERY WET
[illegible]	5	S-2	SS	1-5-7-7		24" RECOVERY WET
[illegible]	10	S-3	SS	100/3"	CHANGE AT 8.5' SATURATED 0'-3' TILL FINE TO COARSE GRAVEL AND fine to coarse sand little clay little silt. 16' ELIOT FORMATION (BEDROCK)	
[illegible]	15				BOULDER FROM 11-12.3'	
[illegible]	20				DRILLED 5' WITH ROLLER BIT	
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. RFW-10

PROJECT : Peasa AFB Phase II IRP	SHEET NO 1 OF 1
CLIENT : USAF	JOB NO. 0629-09-05
BORING CONTRACTOR : Con-Tec Inc	ELEVATION 113.14
GROUND WATER :	DATE STARTED
DATE / TIME / WATER EL. / SCREEN	DATE FINISHED
2/21/[illegible] / 93.45	DRILLER M. Weaver
4/23/[illegible] / 89.72	INSPECTOR M. Sutton
	G. Smart

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	1	SS	12-17-12-12	Kama Plain Deposit Brown fine to medium SAND, trace silt	Dry
	5	2	SS	11-16-19-19		Dry
	10	3	SS	20-36-45-52		
	15	4	SS	50-3[illegible] [illegible]/.5	Ablation till Brown sand, t[illegible], trace gravel	till at [illegible] at 14'
	20	5	SS	100/.4'		Casing to [illegible] 18-20' in well No recovery
	25	6	SS	50/0		No recovery
	30	7	SS	100/.5	Gray gravelly [illegible] till	
	35	8	SS	50/0		No recovery
	40				Bottom of Boring	
	45					

WESTON

TEST BORING LOG

BORING NO. RFW-11

PROJECT : Reese AFB Phase II IRP
SHEET NO 1 OF 1
CLIENT : USAF
JOB NO. 0638-09-05
BORING CONTRACTOR : Con-Tes Inc
ELEVATION 114.66
GROUND WATER : 25.9'
DATE STARTED 2/6/85
DATE FINISHED 2/7/85
DRILLER R. Smiley
INSPECTOR J. O'Neill

DATE	TIME	WATER EL.	SCREEN
4/29/85		88.97	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
2" OD schedule 40 PVC riser pipe; Type II Portland Cement Grout; Bentonite pellets; 2" OD 10 slot PVC screen; Ottawa Sand Backfill	0				Topsoil Kansa Plain Deposits	
	5	1	SS	7-11- 18-23	Tan medium to coarse SAND and GRAVEL little silt	Micaceous
	10	2	SS	7-11- 17-21		10 ppm on HNu
	15	3	SS	16-27- 32-59		4 ppm on HNu
	20	4	SS	17-24- 42-63	Silt Stringers	8 ppm on HNu
	25	5	SS	19-24- 34-35		Wat ▼ 10 ppm HNu 45 ppm on HNu above auger hole
	30	6	SS	28-38- 34-40		
	35				Till	
		7	SS	7-23- 22 100	Fine to coarse Gravel, some Angular rock fragments, trace clay	
					Metasedimentary Bedrock Dark gray slate	Advanced boring to 39' with rollerbit. Boring caved in to 36'
	40				Bottom of boring 39'	
	45					

WESTON

TEST BORING LOG

BORING NO. RFW-12

PROJECT : Pease AFB Phase II IRP	SHEET NO 1 OF 1
CLIENT : USAF	JOB NO. 0628-09-05
BORING CONTRACTOR : Con-Tec, Inc	ELEVATION 116.98
GROUND WATER : 18.96	DATE STARTED 2/7/85
	DATE FINISHED 2/11/85
	DRILLER R. Smiley
	INSPECTOR J. O'Neil

DATE	TIME	WATER EL.	SCREEN
3/21/85		90.88	
4/24/85		89.72	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
2" OD Schedule 40 PVC Type II Portland cement grout; Bentonite pellets; 10/20 Sand Backfill	0				Kama Plain Deposits Brown medium to coarse SAND	Dry
	5	1	SS	7-21-15-12		
	10	2	SS	10-33-29-26	Till fine to medium SAND, little silt, gravel, and cobbles	moist
	15	3	SS	18-100/.3	Metasedimentary Bedrock Gray Slate with Calcite mineralization	Competent bedrock by advancing boring to 28' with rollerbit
	20					
	25					
	30				Bottom of boring 28'	
	35					
	40					
	45					

WESTON CONSULTANTS

TEST BORING LOG

BORING NO. RFW-13

PROJECT : Paasa AFB Phase II IRP	SHEET NO 1 OF 1
CLIENT : USAF	JOB NO. 0623-00-05
BORING CONTRACTOR : Con-Tac Inc.	ELEVATION 111.66
GROUND WATER : 22.5'	DATE STARTED 11/26/84
	DATE FINISHED 12/4/84
	DRILLER R. Smiley
	INSPECTOR J. O'Neil

DATE	TIME	WATER EL.	SCREEN
3/21/85		90.83	
4/29/85		89.18	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
Type E Portland Cement Grout	0	1	SS	4-3-4-7	Kama Plain Deposits Brown to tan medium to coarse SAND and GRAVEL. trace to little gray schist cobbles	
	5	2	SS	13-21-21-21		
	10	3	SS	20-24-26-27		
	15	4	SS	13-16-12-11		
	20				Metasedimentary Bedrock Fractured Dark gray to gray slate/schist with Calcareous mineralization	▼ Advanced boring to 40.5' with Roller bit
	25					
	30					
	35					
	40				Bottom of Boring 40.5'	
	45					

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG

BORING NO. RFW-14

PROJECT : PEASE AFB - IRP PHASE II STUDY
SHEET NO 1 OF 1
CLIENT : U.S. AIR FORCE - OEHL BROOKS AFB, TX
JOB NO. 0629-00-05
BORING CONTRACTOR : CONTEC, INC
ELEVATION 110.72
DATE STARTED 11/21/84
DATE FINISHED 11/27/84
DRILLER M WEAVER
INSPECTOR S. SMART

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN
		99.38	
Augs.		93.59	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
2" PVC RISER	0	S-1	SS	2-2-2-2	KAME PLAIN DEPOSITS	HNu BACKGROUND
BENTONITE CEMENT GROUT					FINE TO MEDIUM SAND	6" RECOVERY
					trace silt	
	5	S-2	SS	9-16-28 -43	STRATIFIED SAND AND GRAVEL	HNu BACKGROUND
						13" RECOVERY
	10	S-3	SS	22-31-39 -40	some silt	HNu BACKGROUND
					BOULDER 14-14.5'	14" RECOVERY
40 LBS #1 SILICA SAND FILTER PACK	15	S-4	SS	25-32-47 -55	little fine to coarse silt 16'8" ▼	HNu BACKGROUND
						12" RECOVERY WET
	18'				ELIOT FORMATION BEDROCK	
	20				DRILLED WITH ROLLER BIT TO 38'	
	25					
	30					
	35					
	40					
	45					

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG

BORING NO. RFW1-15

PROJECT : PEASE AFB - IRP PHASE II STUDY
SHEET NO 1 OF 1

CLIENT : U.S. AIR FORCE - OEHL BROOKS AFB, TX
JOB NO. 0629-05-05

BORING CONTRACTOR : CONTEC, INC.
ELEVATION 108.09

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN
3/24			
4/29/85			

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

DATE STARTED 11/19/84
DATE FINISHED 11/21/84
DRILLER M. WEAVER
INSPECTOR G. SMART

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
Flush mount cover; Portland cement; 4" Sch 40 PVC riser; Sch 40 PVC screen	0	S-1	SS	4-5-8-15	KAME PLAIN DEPOSITS MEDIUM TO COARSE SAND some fine to coarse gravel	HNu BACKGROUND 12" RECOVERY
	5	S-2	SS	22-24-24-25	FINE TO MEDIUM SAND trace silt	HNu BACKGROUND 12" RECOVERY CHANGE AT 8.5'
	10	S-3	SS	34-100/5.5	GROUND MORAINE TILL 11' FINE TO COARSE GRAVEL and sand little clay little silt 14' ▼ ELIOT FORMATION BEDROCK DRILLED WITH ROLLER BIT TO 31'	HNu BACKGROUND 10" RECOVERY
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. AFW16

PROJECT : Paasa AFB Phase II IRP	**SHEET NO** 1 **OF** 1
CLIENT : USAF	**JOB NO.** 0629-09-05
BORING CONTRACTOR : Con-Tec Inc.	**ELEVATION** 104.43
GROUND WATER : 15.5	**DATE STARTED** 2/4/85
DATE FINISHED 2/5/85	
DRILLER R. Smiley	
INSPECTOR G Smart	

DATE	TIME	WATER EL.	SCREEN		CAS.	SAMP.	CORE	TUBE
4/3/85	94.18			TYPE				
4/4/85	94.16			DIA.				
				WT.				
				FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	1	SS	8-26-14-8	Topsoil Kame Plain Deposits Tan fine to coarse SAND, some gravel and silt stringers	dry
	5	2	SS	5-12-14		
	10	3	SS	16-[illegible]-31		
	15	4	SS	11-13-[illegible]-13		▼ wet
	20	5	SS	[illegible]	Till Gray/brown sandy till	Saturated
	25	6	SS	4-[illegible]-100/3	Metasedimentary bedrock Dark gray slate	
					Bottom of boring - 31'	Advanced boring to 31' by NX core barrel
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. RFW-17

PROJECT : Paoza AFB Phase II IRP
SHEET NO 1 OF 1
CLIENT : USAF
JOB NO. 0628-09-05
BORING CONTRACTOR : Con-Tec Inc.
ELEVATION 97.57
GROUND WATER : 10'
DATE STARTED 2/5/85
DATE FINISHED 2/6/85
DRILLER M. Weaver
INSPECTOR J. O'Neil

DATE	TIME	WATER EL.	SCREEN		TYPE	CAS.	SAMP.	CORE	TUBE
4/2/85		87.72			DIA.				
4/[illegible]/85		86.85			WT.				
					FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
2 inch PVC riser, Basin-Carrier grout, Bentonite pellets, cuttings sand backfill	0	1	SS	25-40-35-15	Kame Plain Deposits Tan to brown, medium to coarse SAND, little gravel	dry, micaceous sand
	5	2	SS	12-22-23-55		
	10	3	SS	17-32-28-38		▼
	15	4	SS	19-30-32-35		
	20	5	SS	100/.5	Metasedimentary bedrock 20.4	Advanced boring to 25' by rollers
	25				Bottom of boring - 25	
	30					
	35					
	40					
	45					

WESTON CONSULTANTS

TEST BORING LOG

BORING NO. RFW-5

PROJECT : Pease AFB Phase II IRP	SHEET NO 1 OF 2
CLIENT : USAF	JOB NO. 06-5-09-05
BORING CONTRACTOR : Con-Tec Inc.	ELEVATION 83.46
GROUND WATER : 17.3'	DATE STARTED 12/14/84
	DATE FINISHED 1/8/85
	DRILLER T. Smiley
	INSPECTOR J. O'Neil

DATE	TIME	WATER EL.	SCREEN
1/8/85			
4/12/85			

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	1	SS	2 18 11 12	Kame Plain Deposits Medium to Coarse SAND and GRAVEL	Installed gate box at ground surface
	5	2	SS	5 [illegible] [illegible] 4		
	10	3	SS	[illegible] 5 4		
	15	4	SS	[illegible] [illegible]		▼
	20	5	SS	16 15 37 40		
	25	6	SS	17 [illegible] 25 35		Iron oxide staining
	30	7	SS	[illegible] [illegible]	Till Fair fine to coarse SAND some [illegible] gravel	
	35	8	SS	15 12 15 15		
	40	9	SS	15 20 [illegible]	Boulders	
	45	10	SS	[illegible]		
	46	11	SS	[illegible]		

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG

BORING NO. RP

PROJECT: Plum AFB Phase II IRP

SHEET NO. 2 OF 2

CLIENT: USAF

JOB NO. 0

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
2 0.5 in [illegible] collapsed to 44	45				Till	
					Same with trace to little silt and clay	
	50					
	55					
					Boring collapsed to 56.5	
	60					
	65					
	70					
	75				Bottom of boring - 74	
					Bedrock not encountered	
	80					
	85					
	90					
	95					

WESTON

TEST BORING LOG

BORING NO. RFW-19

PROJECT : Pease AFB Phase II IRP	SHEET NO 1 OF 2
CLIENT : USAF	JOB NO. 0628-09-05
BORING CONTRACTOR : Con Tec Inc.	ELEVATION 70.29
GROUND WATER : 17.25	DATE STARTED 12/11/84
DATE / TIME / WATER EL. / SCREEN: 4/31/85 — 50.77; 4/29/85 — 49.77	DATE FINISHED 12/13/84
TYPE / DIA. / WT. / FALL — CAS. / SAMP. / CORE / TUBE	DRILLER R Smiley
	INSPECTOR J. O'Neill

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
Bentonite Pellets; Type II Portland Cement; 40 mesh sand	0	1	SS	2-3 / 4-8	Kame Plain Deposits Tan to Brown Fine to Coarse SAND, little gravel	Well finished at grade with steel gate box
	5	2	SS	11-12 / 10-9		
	10	3	SS	5-9 / 10-13		
	15	4	SS	11-24 / 28-34	Till fine to coarse SAND and fine to coarse GRAVEL, some silt	▼
	20	5	SS	9-11 / 13-15		
	25	6	SS	10-14 / 18-20		
	30	7	SS	15-24 / 22-31		
	35	8	SS	12-12 / 24-21		
	40	9	SS	13-13 / 11-16		
	45	10	SS	12-16 / 10-9		

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG
BORING NO. RFW-19
SHEET NO. 2 OF 2
JOB NO. 0628-09-05

PROJECT: Pease AFB Phase II IRP
CLIENT: USAF

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
10-slot screen	45					
	50				Metasedimentary Bedrock Gray to dark gray foliated slate, micaceous, w/ calcareous stringers. fractured along foliation planes	
collapse	55	99	NX Core			
	60				Bottom of boring 60'	
	65					
	70					
	75					
	80					
	85					
	90					
	95					

WESTON

TEST BORING LOG

BORING NO. REV-20

PROJECT : Pease AFB Phase II IRP	SHEET NO 1 OF 2
CLIENT : USAF	JOB NO. 06-8-93-05
BORING CONTRACTOR : ConTec Inc	ELEVATION 82.72
GROUND WATER : 6.4'	DATE STARTED 12/14/84
DATE / TIME / WATER EL. / SCREEN	DATE FINISHED 12/19/84
3/17/85	DRILLER R. Smiley
4/24/85	INSPECTOR J. O'Neil

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
Concrete cap; 2" riser; Bentonite Pellets	0	1	SS	1-3 / 4-4	Kame Plain Deposits Tan fine to coarse SAND and fine GRAVEL, little silt.	
	5	2	SS	4-6 / 7-9		▼
	10	3	SS	8-10 / 14-16		
	15					Iron Oxide mineralization
	20	4	SS	21-25 / 45-53		
	25	5	SS	15-26 / 33-27		
	30	6	SS	32-55 / 66	Till Very fine to medium SAND little to some silt, coarse gravel and clay	
2" O.D. Schedule 40 10-Slot PVC Screen; Ottawa Sand #2-#16	40	7	SS	11-6 / 5-5		
	45	8	SS	18-9 / 5-13	angular slate fragments	

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG
BORING NO. RFW-20

PROJECT: Pease AFB Phase II IRP
SHEET NO. 2 OF 2
CLIENT: U.S A.F
JOB NO. 0628-09-05

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
12" 10 slot screen / Oyhaul sand	45				fine to medium SAND, little silt and bedrock fragments	
	50	9	NX		metasedimentary Bedrock foliated slate/schist, with Calcareous mineralization, some mica and quartz.	
	55				Bottom of boring 54.3	
	60					
	65					
	70					
	75					
	80					
	85					
	90					
	95					

WESTON

TEST BORING LOG

BORING NO. RFI-21

PROJECT : Pease AFB Phase I IRP	SHEET NO. 1 OF 1
CLIENT : USAF	JOB NO. 0635-09-05
BORING CONTRACTOR : Connor Inc	ELEVATION 72.62
GROUND WATER : 10'	DATE STARTED 2/12/85
DATE / TIME / WATER EL. / SCREEN	DATE FINISHED 2/15/85
2/13/85 / / 63.72 /	DRILLER R. Smiley
2/15/85 / / 62.70 /	INSPECTOR J. O'Neil

	TYPE	CAS.	SAMP.	CORE	TUBE
DIA.					
WT.					
FALL					

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
conc cap; Bent. pellet backfill	0				Kame Plain Deposits Medium Micaceous SAND Many clay layers at 5' and 7'	▼
	5	1	SS			
	10	2	SS			
	15	3	SS			
	20				Till	
		4	SS		fine to coarse SAND and GRAVEL, some silt, and rock fragments. Boulder at 24'	
	25					
	30	5				
	35				Metasedimentary Bedrock Dark grey slate with calcite veins Bottom of boring 37.3	
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. RFW-22

PROJECT : Pease AFB Phase II IRP	**SHEET NO** 1 **OF** 1
CLIENT : USAF	**JOB NO.** 0629-03-CS
BORING CONTRACTOR : Con-Tec Inc	**ELEVATION** 59.07
GROUND WATER : 8.7'	**DATE STARTED** 2/16/85
DATE FINISHED 2/19/85	
DRILLER R Smith	
INSPECTOR M. Sutton, R. Ricard	

DATE	TIME	WATER EL.	SCREEN
3/2/85		56.53	
4/23/85		54.34	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
Bentonite Pellets	0	S-1	SS	8-2- 8-3	Kenai Fm. Deposits Light brown medium to coarse SAND	18" Recovery
	5	S-2	SS	9-13- 30/4"		Auger refusal - 9'
	10				Meta-sedimentary Bedrock	
	20				Bottom of Boring	
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. RFW-23

PROJECT : Prac A&E Proj II [illegible]	**SHEET NO.** 1 **OF** 1
CLIENT : USAF	**JOB NO.** 0625-09-[illegible]
BORING CONTRACTOR : Con-Tec Inc	**ELEVATION** 55.07
GROUND WATER : 9.5'	**DATE STARTED** 2/15/95
DATE FINISHED 2/15/95	
DRILLER R Smiley	
INSPECTOR M. Sutton	

DATE	TIME	WATER EL.	SCREEN
3/22/95		45.72	
4/[illegible]/95		45.57	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	1	SS	1-1-1-2	Karst Limestone Brown fine to medium SAND, some gravel, trace silt.	1.3' Recovery moist
	5				Metasedimentary Bedrock Dark gray slate Calcareous Highly Fractured	▼
	10					
	15					
	20					
	25				Bottom of Boring 23'	
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. RFW-24

PROJECT : Paasa AFB Phase II IRP	**SHEET NO.** 1 **OF** 2
CLIENT : USAF	**JOB NO.** 0628-09-05
BORING CONTRACTOR : Cascade Drilling	**ELEVATION** 65.73
GROUND WATER : 20	**DATE STARTED** 1/23/85
DATE FINISHED 1/30/85	
DRILLER R. Smith	
INSPECTOR J. O'Neill	

DATE	TIME	WATER EL.	SCREEN
4/[illegible]		47.33	
[illegible]		46.67	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				Fill	
	5	1	SS	11-42		
	10	2	SS	14-14- 13-[illegible]	Kama Plain Deposits Medium to coarse SAND and GRAVEL, some cobbles Clay layer from 13-14	Perched water on above clay layer
	15	3	SS	[illegible] 16-20		
	20	4	SS	[illegible] [illegible]		▼
	25	5	SS	15-12- 10-12	Marine Clay gray [illegible] with mica	Continuous Samples to first extent of clay layer
	30	6	SS	wt of Rod	Till gray clay/till some gravel clay layer from 34-35'	No HNu Readings
		7	SS	1-2-2- 4		
		8	SS	4-5-3- 3		
	35	9	SS	5-6-4- 5		
					little sand	
	40	[illegible]	[illegible]	10-15- [illegible]		
	45					

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG
BORING NO. RFI-1-24

PROJECT: Range AFE Phase II (RI)
SHEET NO. 2 OF 2

CLIENT: USAF
JOB NO. 0628-03-05

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
Filled to ground surface with cuttings and bentonite chips	45	11	SS	16-25-31-35		
	50	12	SS	19-31-34-42		
					Metasedimentary Bedrock	
	55				Dark gray slate, highly weathered and fractured to 59'. Calcite mineralization foliated at 45-60° angle to core	formation collapsed at 54'
	60	13	NX			losing ~ 15 gal/min of wash water
	65				Bottom of Boring 66.5	
	70					
	75					
	80					
	85					
	90					
	95					

WESTON

TEST BORING LOG

BORING NO. RFVI-23

PROJECT : Pease AFB Phase II IRP	**SHEET NO** 1 **OF** 2
CLIENT : USAF	**JOB NO.** 01-2[illegible]
BORING CONTRACTOR : Con-Tac	**ELEVATION** (100.8)
GROUND WATER : 19'	**DATE STARTED** 1/30/89
DATE 4/[illegible]/89 **TIME** 7[illegible] **WATER EL.** **SCREEN**	**DATE FINISHED** 1/31/89
4/29/89 7[illegible]	**DRILLER** M. [illegible]
	INSPECTOR J. ONeill

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	1	SS	12-16-18-11	Topsoil Kame Plain Deposits [illegible] SAND,	
	5	2	SS	19-25-27-25	Some gravel	
	10	3	SS	19-23-31-43		
	15	4	SS	25-50-25-[illegible]		▼
	20	5	SS	12-12-9-14		170 ppm on HNU in Jar Sample
	25	6	SS	10-9-[illegible]	gr-/brown clay and sand interbedded from 23.5 to 34	30 ppm on HNU in split spoon
	30	7	SS	[illegible]	brown to [illegible] some silt	0.5 ppm on HNU
	35	8	SS	[illegible] 32-24	Till Dense gray TILL CLAY and GRAVEL Some angular rock fragments	
	40	9	SS	[illegible] 50-75		
	45	10	SS	[illegible] 100/[illegible]		

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG
BORING NO. RFW-25
PROJECT: Paasa AFB Phase II IRP
SHEET NO. 2 OF 2
CLIENT: USAF
JOB NO. 06-3-02-05

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
11.2' No. 5/8 Screen, Grout, Sand	45	10	SS	31-86-116	Dark gray clay till	HNu - Background
	50	11	SS	100/.3'	Metasedimentary Bedrock Dark gray slate with calcite mineralization, foliated.	
		12	NX			Boring collapsed at 56'
	55				Bottom of Boring - 57'	
	60					
	65					
	70					
	75					
	80					
	85					
	90					
	95					

WESTON

TEST BORING LOG

BORING NO. RFW[illegible]

PROJECT : Pease AFB Phase II IRP

SHEET NO 1 OF 2

CLIENT : USAF

JOB NO. 0429-01-[illegible]

BORING CONTRACTOR : Ch. Tech Inc

ELEVATION [illegible]

GROUND WATER : 22

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

DATE STARTED 11/10/92

DATE FINISHED 11/11/92

DRILLER R Smith

INSPECTOR J. ONeil

DATE	TIME	WATER EL.	SCREEN
11/10		79.0	
11/12		79.63	

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				Kama Plain Deposits	
	5	1	SS	5-12-12-14	Tan to gray, medium to coarse SAND, little medium to coarse gravel	
	10	2	SS	21-24-41-32		
	15	3	SS	18-32-43-47	5' clay layer at 16	
	20	4	SS	14-25-27-44		
	25	5	SS	15-27-41-47		
Type II	30	6	SS	6-5-49-47	2 foot layer of gray clay	▼
	35	7	SS	44-54-[illegible]	Gray fine to coarse SAND, and silt, little fine to coarse gravel	
Bentonite Seal	40	8	SS		MARINE CLAY Gray/Green clay	
	45	9	SS	13-24-18-17	Gray SAND and [illegible]	

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG

BORING NO. RF[illegible]-25

PROJECT: Pope AFB, Phase II IRP

SHEET NO. 2 OF 2

CLIENT: USAF

JOB NO. 0[illegible]

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	45					
	50	10	SS	30-30-18-24	Very fine SAND and SILT, trace clay	
	55	11	SS	34-51-69		
	60	12	SS	15-19-34-27		
	65				Metasedimentary Bedrock Dark gray slate	Hole collapsed to 63' advanced thru to 69.5' with rollerbit
	70				Bottom of Boring	
	75					
	80					
	85					
	90					
	95					

WESTON ENGINEERING CONSULTANTS

TEST BORING LOG

BORING NO.

PROJECT : IRP

CLIENT : USAF

BORING CONTRACTOR :

SHEET NO / OF

JOB NO.

ELEVATION

DATE STARTED

DATE FINISHED

DRILLER

INSPECTOR G SMART

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN
		78.7	
		85.83	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	S1	SS	21-50/3"		
	5	S2	SS	25		
	10	S3	SS	41		
	15	S4	SS			
	20	S5	SS	36		
	25	S6		4		
	30	S7	SS		SILTY SAND	
		S8	SS	28		
	35	S9				
	40	S10	SS	17/6		
	45					

WESTON

TEST BORING LOG

BORING NO. PFD1-28

PROJECT : Dover AFB Phase II IRP	**SHEET NO** 1 **OF** 2
CLIENT : USAF	**JOB NO.** 0221.05.05
BORING CONTRACTOR : Contec Inc.	**ELEVATION** 95.22
GROUND WATER : 21	**DATE STARTED** 1/31/85
DATE FINISHED 2/1/85	
DRILLER R Smith	
INSPECTOR J. O'Neill	

DATE	TIME	WATER EL.	SCREEN
2/1/85		74.31	
4/21/85		75.19	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
2" ϕ Aluminum Pipe; Type II Portland Cement Grout; 2" ϕ Aluminum Pipe; Bentonite Seal; 2" ϕ Schedule 40 PVC Riser Pipe; Natural Sand Backfill; 2" ϕ Schedule 40 PVC Screen, 10 Slot	0				King Phase Soils: Tan medium to coarse SAND and GRAVEL	or No N.
	5	1	SS	5-8-11-12		
	10	2	SS	14-22-17-24		
	15	3	SS	12-11-20-17		
	20	4	SS	14-17-17-20	fine to coarse SAND and GRAVEL	▼
	25	5	SS	[illegible]		
	30	6	SS	11-13-13-17		
	35	7	SS	6-4-5-5	Marine Clay: gray CLAY with fine to medium sand layers	
	40	8	SS	3-4-4-8		
	45	9	SS	5-1-[illegible]-20	Till	

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG
BORING NO. RFW-2E

PROJECT: Pease AFB Phase II IRP
SHEET NO. 2 OF 2
CLIENT: USAF
JOB NO. 0228-09-05

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	45	9	SS	5-7-23-30	Gray CLAY, some silt, gravel, and rock fragments	
	50	10	C	25-41-25-40	Metasedimentary Bedrock	advanced boring to 53' with tollarsit
					Dark Gray Slate with Calcite	
					Bottom of Boring	
	55					
	60					
	65					
	70					
	75					
	80					
	85					
	90					
	95					

WESTON

TEST BORING LOG

BORING NO. RB-13

PROJECT : [illegible]

CLIENT : [illegible]

BORING CONTRACTOR : [illegible]

SHEET NO. 1 OF 1

JOB NO. [illegible]

ELEVATION 41.64

DATE STARTED [illegible]

DATE FINISHED [illegible]

DRILLER [illegible]

INSPECTOR [illegible]

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN
3/19/85		34.83	
4/29/85		35.06	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	S1	SS	2-3-4-4	[illegible]	[illegible]
	5	S2	SS	[illegible]	[illegible]	[illegible]
	10	S3	SS	[illegible]	[illegible]	[illegible]
	15	S4		WH [illegible]	[illegible]	[illegible]
	20	S5		[illegible]	[illegible]	[illegible]
	25					
	30					
	35					
	40					
	45					

WESTON ENGINEERING CONSULTANTS

TEST BORING LOG

BORING NO. RFM 30

PROJECT :	SHEET NO. 2 OF 2
CLIENT : U.S. AIR FORCE	JOB NO.
BORING CONTRACTOR :	ELEVATION
	DATE STARTED 12/
	DATE FINISHED 12/
	DRILLER
	INSPECTOR

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN
3/19/85		74.38	
4/29/85		75.40	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	S1	SS		KAM[illegible] AND FINE TO COARSE SAND	
	5	S2	SS	10-13-2-30		
	10	S3		9-14-17-		
	15	S4				
	20					
	25					
	30					
	35					
	40					
	45					

WESTON (RESIDENCE CONSULTANTS)

TEST BORING LOG

BORING NO. RFN-31

PROJECT : PEASE AFB PHASE II IRP STUDY	SHEET NO. 1 OF
CLIENT : U.S. AIR FORCE	JOB NO. 0627-09-07
BORING CONTRACTOR : CONTEC	ELEVATION 56.06
GROUND WATER :	DATE STARTED 12/10/84
DATE / TIME / WATER EL. / SCREEN	DATE FINISHED 12/18/84
3/19/85 / 47.45	DRILLER M WEAVER
4/29/85 / 47.45	INSPECTOR G. SMART

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	S1	SS	1-3-4-5	KAME PLAIN DEPOSITS MEDIUM TO COARSE SAND, some gravel	20" RECOVERY
						CHANGE AT 4'
	5	S2	SS	6-12-	MARINE CLAY DEPOSITS CLAY, some silt, trace pebbles, silt stringers	24" RECOVERY
	10	S3	SS	10-10-10	CLAY & SILT, FINE TO COARSE, 11.5 ▼ SILT.	24" RECOVERY
	15	S4	SS	10-7-	GLACIAL MORAINE TILL GRAVEL AND CLAY some sand and silt	CHANGE AT 15'
	20	S5	SS	22-10½	CLAY WITH ANGULAR PEBBLES ELIOT FORMATION BEDROCK	AUGER REFUSAL AT 21.5'
	25					DRILLED WITH POLAFAB TO 28' AND 10" NX CORE BARREL TO 31'
	30					
	35					
	40					
	45					

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG

BORING NO. RFW 32

PROJECT : PEASE AFB - IRP PHASE II STUDY
SHEET NO. 1 OF 1

CLIENT : U.S. AIR FORCE - OEHL BROOKS AFB, TX
JOB NO. 0628-09-05

BORING CONTRACTOR : CONTEC, INC.
ELEVATION 23.93

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN
8/19/84		23.76	
4/29/85		24.30	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

DATE STARTED 11/16/84
DATE FINISHED 11/19/84
DRILLER M. WEAVER
INSPECTOR G. SMART

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
4½" PVC RISER; TYPE I PORT. CEMENT; BENTONITE PELLETS; CEMENT GROUT	0	S-1	SS	2-2-3-6	MARINE CLAY CLAY and fine silt trace fine sand and roots	HNu - BACKGROUND (2-4) 11" RECOVERY
	5	S-2	SS	1-1-1/12"	SAME WITH oxidized coarse silt stringers	HNu - BACKGROUND 24" RECOVERY
	10	S-3	SS	14-17-47-92	TILL MEDIUM TO COARSE SAND and gravel w/ angular cobbles little silt trace coarse sand	HNu - BACKGROUND 24" RECOVERY
	15	S-4	SS	100/3"	17' KITTERY FORMATION BEDROCK	WATER TABLE RECOVERED TO 5" ABOVE GROUND SURFACE AFTER BEING BAILED DRY.
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. RFCU-2S

PROJECT : Pease AFB Phase II IRP	**SHEET NO** 1 **OF** 1
CLIENT : USAF	**JOB NO.** 0659-01-03
BORING CONTRACTOR : Con-Tec Inc	**ELEVATION** 34.93
GROUND WATER :	**DATE STARTED** 11/25/91
DATE / **TIME** / **WATER EL.** / **SCREEN**	**DATE FINISHED** 12/7/91
3/19/93 / 34.05	**DRILLER** R. Smith
4/16/93 / 34.67	**INSPECTOR** J. O'Neill

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				Topsoil	
					Kame Plain Deposits	
					Brown fine to medium SAND	
					Marine Clay	▼
	5				Gray/green clay little fine sand and sand stringers	
					Blue/gray clay	
	10					
					Till	
	15				Gray fine sandy little silt and clay. Dark gray slate and limestone. Carbonate matrix	
	20					
	25					
	30					
	35					
	40				Weathered Bedrock	
					Brown fine sandy silt	
	45				Bottom of Boring	

WESTON ENGINEERS CONSULTANTS

TEST BORING LOG
BORING NO. RFW 34

PROJECT : PEASE AFB - IRP PHASE II STUDY
SHEET NO. OF
CLIENT : USAF
JOB NO. 0628-09-05
BORING CONTRACTOR : CONTEC
ELEVATION
GROUND WATER :
DATE STARTED 1/17/85
DATE FINISHED 1/25/85
DRILLER M. WEAVER
INSPECTOR G. SMART

DATE	TIME	WATER EL.	SCREEN
3/19/85		33.35	
4/20/85		33.79	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	S-1	SS	4-2-7-15	PEAT MARINE CLAY DEPOSITS SILTY CLAY	12" RECOVERY HNU - BACKGROUND DAMP
	5	S-2	SS	23-26-22-65	TILL GRAVELLY TILL, with subangular pebbles	14" RECOVERY HNU - BACKGROUND MOIST
	10	S-3	SS	22-42-45-47		4" RECOVERY HNU - BACKGROUND SATURATED
	15	S-4	SS	20-27-22-35		
	20	S-5	SS	16-50-10/4"	COARSE GRAVEL with subangular pebbles, KIT[illegible] FAN [illegible] BROWN [illegible] WITH [illegible] FINE SAND TO 24, COARSE FROM 4 TO 24.	16" RECOVERY HNU [illegible] [illegible]
	25					
	30					
	35					
	40					
	45					

WESTON CONSULTANTS

TEST BORING LOG
BORING NO.

PROJECT :
CLIENT :
BORING CONTRACTOR :
GROUND WATER :

DATE	TIME	WATER EL.	SCREEN
[illegible]		31.73	
1/20/[illegible]		33.17	

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

SHEET NO. OF 2
JOB NO.
ELEVATION 38.10
DATE STARTED
DATE FINISHED
DRILLER
INSPECTOR

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0	S	SS	2-12-18-8	BLUISH GREEN TO GREENISH GRAY FILL AND SLUDGE MATERIAL WITH CLAY ▼3'	HNU [illegible]
	5			38-22-[illegible]	PEAT	
					SANDY PEAT OVER MARINE CLAY	
	10				CLAYEY SILT	
					SILTY CLAY TILL	
					FINE TO COARSE SILT AND CLAY little fine sand	DAMP HNU - BACKGROUND
	15	S5	SS		SANDY [illegible] AND ANGULAR PEBBLE, SOME CLAY	16" RECOVERY WET HNU - BACKGROUND
	20				GRAVELLY TILL	6" RECOVERY SATURATED
						6" RECOVERY
	25				SILTY, CLAYEY TILL	
	30					
	35	S6	SS			
	40	S7	SS		FINE TO COARSE SILT AND FINE SAND, SOME CLAY	4 RECOVERY
					KITTERY FORMATION BEDROCK	
	45				DRILLED TO THE FOLLOWING TO 44.5'	
					DRILLED WITH NX CORE FROM 44.5	C-42

WESTON DESIGNERS CONSULTANTS

TEST BORING LOG

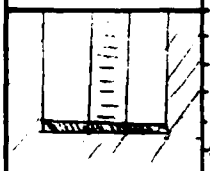
BORING NO. RFW-35

PROJECT: PEASE AFB IRP PHASE II

SHEET NO. 1 OF 2

CLIENT: USAF

JOB NO. 0628-09-05

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	45				DRILLED WITH NX CORE BARREL FROM 44' 6" TO 49' 6". 6" COLLAPSE	CORING TIMES 44.5 - 45.5 4 MIN. 12 SEC. 45.5 - 46.5 4 MIN 20 SEC 46.5 - 47.5 4 MIN 20 SEC. 47.5 - 48.5 6 MIN 5 SEC 48.5 - 49.5 10 MIN. 57 SEC 100% RECOVERY
	50					
	55					
	60					
	65					
	70					
	75					
	80					
	85					
	90					
	95					

PEASE AFB
2/21/85 RFW-1

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	43	21.25	9.62	1
2	60	21	9.37	.974013
3	70	20.75	9.12	.948025
4	100	20.33	8.7	.904366
5	120	20.25	8.62	.89605
6	150	18.83	7.2	.748441
7	180	19.5	7.87	.818087
8	210	19.25	7.62	.7921
9	240	18.88	7.25	.753638
10	300	18.38	6.75	.701663
11	610	16.42	4.79	.497921
12	900	15.04	3.41	.35447
13	1500	13.13	1.5	.155925
14	1800	12.25	.62	.0644491

K = 2.97315E-05 CM/SEC

K = .629906 GAL/DAY/SQ.FT

PEASE AFB

RFW-2

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	71	35.58	24.16	1
2	112	29.67	18.25	.755381
3	127	29.42	18	.745033
4	146	28.42	17	.703643
5	178	27	15.58	.644868
6	189	26.92	15.5	.641556
7	238	24.75	13.33	.551739
8	332	24.33	12.91	.534354
9	603	16.54	5.12	.211921
10	841	15.38	3.96	.163907
11	1757	14.38	2.96	.122517
12	2580	14.04	2.62	.108444
13	4503	14	2.58	.106788

K = 1.47377E-05 CM/SEC

K = .31224 GAL/DAY/SQ.FT

PEASE AFB

RFW-3

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	9	5	-11	1
2	15	6	-10	.909091
3	23	6.5	-9.5	.863636
4	30	7	-9	.818182
5	33	7.5	-8.5	.772727
6	40	8	-8	.727273
7	47	9	-7	.636364
8	52	10	-6	.545455
9	56	11	-5	.454545
10	61	12	-4	.363636
11	73	13	-3	.272727
12	94	14	-2	.181818
13	122	15	-1	.0909091
14	145	16	0	0
15	185	17	1	-.0909091
16	300	18.58	2.58	-.234545

K = 5.47988E-04 CM/SEC

K = 11.6099 GAL/DAY/SQ.FT

PEASE AFB

RFW-4

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	14	9.42	1	1
2	23	1.29	9.13	9.13
3	36	1.5	8.92	8.92
4	40	1.79	8.63	8.63
5	50	1.96	8.46	8.46
6	60	2.21	8.21	8.21
7	75	2.54	7.88	7.88
8	90	2.95	7.47	7.47
9	105	3.23	7.19	7.19
10	120	2.6	7.82	7.82
11	180	4.5	5.92	5.92
12	240	5.42	5	5
13	300	6.29	4.13	4.13
14	600	8.67	1.75	1.75
15	945	8.79	1.63	1.63
16	1042	9.83	.59	.59

K = 5.54736E-05 CM/SEC

K = 1.17529 GAL/DAY/SQ.FT

PEASE AFB

RFW-6

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	10	.92	4.66	1
2	20	1.4	4.18	.896996
3	40	2.25	3.33	.714592
4	50	2.75	2.83	.607296
5	60	2.94	2.64	.566524
6	90	3.83	1.75	.375537
7	120	4.5	1.08	.23176
8	180	5.17	.41	.0879828
9	240	5.29	.29	.0622318
10	300	5.83	-.25	-.0536481

K = 2.63178E-04 CM/SEC

K = 5.57581 GAL/DAY/SQ.FT

PEASE AFB

RFW-6

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	.2	18.46	12.83	1
2	.3	18.13	12.5	.974279
3	.4	17.67	12.04	.938426
4	50	17.25	11.62	.90569
5	60	16.92	11.29	.879969
6	90	15.48	9.85	.767732
7	120	14	8.37	.652377
8	150	12.46	6.83	.532346
9	180	11.67	6.04	.470772
10	240	9.52	3.89	.303196
11	300	8.15	2.52	.196415
12	420	7.1	1.47	.114575
13	600	6	.37	.0288387
14	960	5.58	-.0500002	-3.89713E-03

K = 1.31133E-04 CM/SEC

K = 2.77824 GAL/DAY/SQ.FT

PEASE AFB

RFW-7

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	20	19.79	14.33	1
2	40	19.54	14.08	.982554
3	50	19.4	13.94	.972784
4	60	19.27	13.81	.963713
5	90	18.79	13.33	.930216
6	150	17.75	12.29	.857642
7	180	17	11.54	.805304
8	240	16.31	10.85	.757153
9	300	14.92	9.46	.660154
10	420	13.04	7.58	.52896
11	600	10.58	5.12	.357292
12	900	9.33	3.87	.270063
13	1200	10.86	5.4	.376832
14	1800	7	1.54	.107467

K = 3.47547E-05 CM/SEC

K = .736328 GAL/DAY/SQ.FT

PEASE AFB
1/3/85 RFW-8

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	60	22.75	17.5	1
2	90	22.6	17.35	.991429
3	120	22.29	17.04	.973714
4	150	22.04	16.79	.959429
5	180	21.83	16.58	.947429
6	240	21.33	16.08	.918857
7	300	21.08	15.83	.904572
8	600	19.71	14.46	.826286
9	900	18.58	13.33	.761714
10	1800	15.46	10.21	.583429
11	5400	7.96	2.71	.154857
12	10800	5.25	0	0

K = 1.31748E-05 CM/SEC

K = .279126 GAL/DAY/SQ.FT

PEASE AFB
3/28/85 RFW-9

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	27	15.58	12.41	1
2	34	15.08	11.91	.95971
3	44	14.42	11.25	.906527
4	60	13.33	10.16	.818695
5	74	12.42	9.25	.745367
6	85	11.92	8.75	.705077
7	114	10.83	7.66	.617244
8	120	10	6.83	.550363
9	131	9.42	6.25	.503626
10	144	9.08	5.91	.476229
11	162	8.33	5.16	.415794
12	182	7.67	4.5	.362611
13	206	7	3.83	.308622
14	224	6.54	3.37	.271555
15	246	6.04	2.87	.231265
16	264	5.71	2.54	.204674
17	280	5.46	2.29	.184529
18	316	5	1.83	.147462
19	356	4.63	1.46	.117647
20	474	4	.83	.0668816
21	568	3.75	.58	.0467365
22	816	3	-.17	-.0136986

K = 1.70558E-04 CM/SEC

K = 3.61352 GAL/DAY/SQ.FT

PEASE AFB
2/15/85

RFW-10

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	0	25	1
2	30	2.79	22.21	.8884
3	45	4.38	20.62	.8248
4	60	10.29	14.71	.5884
5	120	16.79	8.21	.3284
6	180	20.58	4.42	.1768
7	240	21.58	3.42	.1368
8	300	22	3	.12
9	360	22.38	2.62	.1048
10	600	22.5	2.5	.1
11	900	24.83	.17	6.8E-03

K = 1.66292E-04 CM/SEC

K = 3.52313 GAL/DAY/SQ.FT

PEASE AFB
2/11/1985

RFW-12

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	21.8	6.65	1
2	15	21.75	6.6	.992481
3	45	21.6	6.45	.969925
4	60	21.3	6.15	.924812
5	120	20.9	5.75	.864662
6	180	20.7	5.55	.834587
7	240	20.6	5.45	.819549
8	300	20.4	5.25	.789474
9	600	20.4	5.25	.789474
10	900	20.4	5.25	.789474
11	1200	20.65	5.5	.827068
12	1500	20.7	5.55	.834587

K = 5.16398E-06 CM/SEC

K = .109406 GAL/DAY/SQ.FT

PEASE AFB
2/22/85

RFW-13

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	30	37.42	18.67	1
2	45	36.83	18.08	.968398
3	60	36.38	17.63	.944295
4	90	35.17	16.42	.879486
5	120	34.08	15.33	.821103
6	180	31.92	13.17	.70541
7	240	29.42	10.67	.571505
8	300	27.5	8.75	.468666
9	600	20.04	1.29	.0690948
10	900	18.75	0	0

K = 1.22412E-04 CM/SEC

K = 2.59348 GAL/DAY/SQ.FT

PEASE AFB

RFW-14

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	30	37	18.25	1
2	45	36.42	17.67	.968219
3	60	35.96	17.21	.943014
4	90	34.75	16	.876712
5	120	33.67	14.92	.817534
6	180	31.5	12.75	.69863
7	240	29.33	10.58	.579726
8	300	27.08	8.33	.456438
9	600	19.63	.880001	.0482192
10	900	0	-18.75	-1.0274

K = 8.12772E-05 CM/SEC

K = 1.72198 GAL/DAY/SQ.FT

PEASE AFB
11/21/84

RFW-15

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	30	30.13	14.55	1
2	45	29.46	13.88	.953952
3	60	28.42	12.84	.882474
4	120	26.58	11	.756014
5	180	23.42	7.84	.538832
6	240	18.83	3.25	.223368
7	300	17.29	1.71	.117526
8	600	16.25	.67	.0460481
9	900	16.17	.59	.0405498
10	1800	16.13	.550001	.0378008
11	2400	16.08	.5	.0343643

K = 2.62425E-04 CM/SEC

K = 5.55985 GAL/DAY/SQ.FT

PEASE AFB
2/5/85 RFW-16

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	0	15.5	1
2	30	14.5	1	.0645161
3	45	14.79	.710001	.0458065
4	60	15.08	.42	.0270968
5	120	15.13	.37	.023871
6	180	15.17	.33	.0212903
7	240	15.21	.289999	.0187096
8	300	15.21	.289999	.0187096
9	600	15.25	.25	.016129
10	1200	15.33	.17	.0109677

K = 1.81567E-03 CM/SEC

K = 38.4676 GAL/DAY/SQ.FT

PEASE AFB
2/6/85 RFW-17

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	0	11.04	1
2	15	5.92	5.12	.463768
3	30	7.92	3.12	.282609
4	45	8.42	2.62	.237319
5	60	8.92	2.12	.192029
6	120	10.58	.46	.0416667
7	180	10.75	.29	.0262681
8	240	11	.04	3.62319E-03

K = 7.28611E-04 CM/SEC

K = 15.4367 GAL/DAY/SQ.FT

PEASE AFB

RFW-20

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	8	3.1	4.67	1
2	15	4.42	3.35	.717345
3	25	5.13	2.64	.565311
4	38	5.42	2.35	.503212
5	60	5.67	2.1	.449679
6	70	5.92	1.85	.396146
7	90	6.04	1.73	.37045
8	120	6.08	1.69	.361884
9	150	6.17	1.6	.342612
10	180	6.23	1.54	.329764

K = 6.04424E-05 CM/SEC

K = 1.28 56 GAL/DAY/SQ.FT

PEASE AFB

RFW-21

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	0	8	1
2	10	3.42	4.58	.5725
3	20	4.83	3.17	.39625
4	30	5.5	2.5	.3125
5	40	5.67	2.33	.29125
6	50	5.83	2.17	.27125
7	60	6	2	.25
8	85	6.13	1.87	.23375
9	100	6.17	1.83	.22875
10	120	6.33	1.67	.20875
11	150	6.58	1.42	.1775
12	180	6.75	1.25	.15625
13	240	7.25	.75	.09375
14	300	7.67	.33	.0412501
15	420	8	0	0
16	600	8.33	-.33	-.04125
17	900	8.71	-.71	-.08875
18	1320	8.79	-.79	-.09875

K = 5.78985E-05 CM SEC

K = 1.22666 GAL DAY SQ. FT

AD-A184 843 INSTALLATION RESTORATION PROGRAM PHASE 2 CONFIRMATION/QUANTIFICATION STAG..(U) WESTON (ROY F) INC WEST CHESTER PA R L KRAYBILL ET AL. AUG 87 2/10

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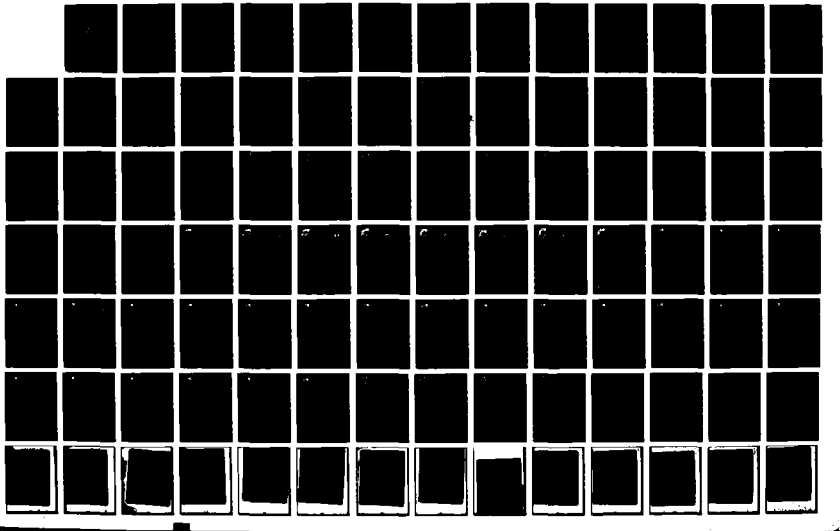

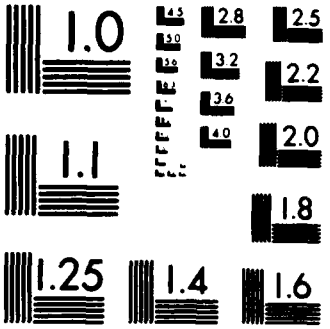

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PEASE AFB

RFW-21

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	14.32	6.15	1
2	10	12.58	4.41	.717073
3	24	10.42	2.25	.365854
4	30	9.74	1.57	.255285
5	40	9.25	1.08	.17561
6	48	9.17	1	.162602
7	55	9	.83	.134959
8	70	8.92	.75	.121951
9	85	8.79	.62	.100813
10	100	8.75	.58	.0943089
11	120	8.58	.41	.0666667
12	165	8.46	.29	.0471545
13	195	8.42	.25	.0406504
14	240	8.33	.16	.0260162
15	600	8.17	0	0

K = 3.41511E-04 CM/SEC

K = 7.23541 GAL/DAY/SQ.FT

PEASEAFB

RFW-22

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	20.5	11.8	1
2	37	20	11.3	.957627
3	50	19.83	11.13	.94322
4	68	19.8	11.1	.940678
5	73	19.6	10.9	.923729
6	87	19.3	10.6	.898305
7	123	18.6	9.9	.838983
8	141	18	9.3	.788136
9	192	17	8.3	.70339
10	250	16	7.3	.618644
11	500	15	6.3	.533898
12	359	14	5.3	.449153
13	417	13	4.3	.364407
14	489	12	3.3	.279661
15	566	11	2.3	.194915
16	688	10	1.3	.11017
17	868	9.6	.900001	.0762712
18	1286	9	.3	.0254237
19	1740	8	-.7	-.059322

K = 5.47994E-05 CM/SEC

K = 1.161 GAL/DAY/SQ.FT

PEASE AFB

RFW-23

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	18	19.17	10.09	1
2	24	18.17	9.09	.900892
3	39	17.83	8.75	.867195
4	45	17.75	8.67	.859267
5	50	17	7.92	.784936
6	60	16.92	7.84	.777007
7	65	16.5	7.42	.735382
8	69	16.17	7.09	.702676
9	72	15	5.92	.58672
10	80	14.58	5.5	.545094
11	85	14.25	5.17	.512389
12	90	13.83	4.75	.470763
13	100	13.33	4.25	.421209
14	110	12.58	3.5	.346878
15	120	12	2.92	.289395
16	130	11.58	2.5	.24777
17	140	11.17	2.09	.207136
18	170	10.79	1.71	.169475
19	180	10.5	1.42	.140733
20	190	10.33	1.25	.123885

K = 2.57689E-04 CM/SEC

K = 5.45952 GAL/DAY/SQ.FT

PEASE AFB
2/18/1985

RFW-23

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	0	9.17	1
2	8	2	7.17	.781898
3	19	3	6.17	.672846
4	21	4	5.17	.563795
5	24	4.5	4.67	.509269
6	30	4.75	4.42	.482007
7	40	6	3.17	.345693
8	45	6.59	2.58	.281352
9	60	7.17	2	.218103
10	90	8	1.17	.12759
11	120	8.17	1	.109051
12	150	8.33	.84	.0916031
13	180	8.46	.71	.0774264
14	240	8.63	.54	.0588877
15	300	8.75	.42	.0458015
16	420	9	.17	.0185387
17	600	9.04	.13	.0141767
18	900	9.01	.16	.0174482

K = 2.0963E-04 CM/SEC

K = 4.44131 GAL/DAY/SQ.FT

PEASE AFB
1/31/85

RFW-24

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	0	18	1
2	30	7.17	10.83	.601667
3	60	10.29	7.71	.428333
4	120	15.79	2.21	.122778
5	180	16.88	1.12	.0622222
6	240	17.17	.83	.0461111
7	300	17.46	.539999	.0299999
8	480	17.67	.33	.0183333
9	600	17.88	.119999	6.66661E-03

K = 4.89819E-04 CM/SEC

K = 10.3775 GAL/DAY/SQ.FT

PEASE AFB
2/1/85 RFW-25

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	0	22	1
2	15	2.5	19.5	.886364
3	30	12.75	9.25	.420455
4	45	15.25	6.75	.306818
5	60	16.75	5.25	.238636
6	120	19.17	2.83	.128636
7	180	19.92	2.08	.0945455
8	240	20.46	1.54	.07
9	300	20.5	1.5	.0681818
10	600	20.54	1.46	.0663637
11	1500	20.83	1.17	.0531818

K = 1.47275E-04 CM/SEC

K = 3.12024 GAL/DAY/SQ.FT

PEASE AFB
2/1/85 RFW-26

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	0	36	1
2	45	1.12	34.88	.968889
3	60	1.29	34.71	.964167
4	120	2.88	33.12	.92
5	180	3.62	32.38	.899445
6	240	4.62	31.38	.871667
7	300	5.54	30.46	.846111
8	600	9.62	26.38	.732778
9	900	13.37	22.63	.628611
10	1200	16.54	19.46	.540556
11	1500	19.04	16.96	.471111
12	8100	32.34	3.66	.101667

K = 1.32375E-05 CM/SEC

K = .280456 GAL/DAY/SQ.FT

PEASE AFB
1/29/85 RFW-27

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	30	2.92	31.08	1
2	60	3.5	30.5	.981339
3	90	4.79	29.21	.939833
4	120	6.17	27.83	.895431
5	180	8.92	25.08	.80695
6	240	10.17	23.83	.766731
7	300	10.75	23.25	.74807
8	600	18.08	15.92	.512227
9	900	21.92	12.08	.388674
10	1800	27.58	6.42	.206564
11	2100	28.25	5.75	.185006
12	2700	29.17	4.83	.155405

K = 4.37851E-05 CM/SEC

K = .927651 GAL/DAY/SQ.FT

PEASE AFB
2/1/85 RFW-28

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	0	21	1
2	30	17.79	3.21	.152857
3	45	18.63	2.37	.112857
4	60	19.21	1.79	.0852381
5	120	19.92	1.08	.0514286
6	180	19.96	1.04	.0495238
7	240	20	1	.047619
8	300	20.08	.92	.0438095
9	600	20.29	.710001	.0338096

K = 7.04674E-04 CM/SEC

K = 14.9295 GAL/DAY/SQ.FT

PEASE AFB
2/1/85 RFW-28

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	0	21	1
2	30	17.79	3.21	.152857
3	45	18.63	2.37	.112857
4	60	19.21	1.79	.0852381
5	120	19.92	1.08	.0514286
6	180	19.96	1.04	.0495238
7	240	20	1	.047619
8	300	20.08	.92	.0438095
9	600	20.29	.710001	.0338096

K = 7.04674E-04 CM/SEC

K = 14.9295 GAL/DAY/SQ.FT

PEASE AFB

RFW-29

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	10	10	1.25	1
2	20	9.75	1	.8
3	30	9.5	.75	.6
4	40	9.42	.67	.536
5	60	9.21	.46	.368
6	90	9.08	.33	.264
7	120	9.04	.29	.232
8	180	8.98	.230001	.184
9	300	8.92	.17	.136

K = 3.31138E-04 CM/SEC

K = 7.01564 GAL/DAY/SQ.FT

PEASE AFB

RFW-30

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	10	2.08	15.34	1
2	20	3.5	13.92	.907432
3	40	6.35	11.07	.721643
4	60	7.92	9.5	.619296
5	90	11.42	6	.391134
6	120	12.42	5	.325945
7	180	14.5	2.92	.190352
8	240	15.79	1.63	.106258
9	300	16.42	1	.0651891
10	420	16.89	.530001	.0345502
11	600	17.1	.32	.0208605

K = 2.34678E-04 CM/SEC

K = 4.97198 GAL/DAY/SQ.FT

PEASE AFB
12/17/84

RFW-31

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	28	5.08	5.42	1
2	40	6.92	3.58	.660517
3	50	7.75	2.75	.50738
4	70	7.96	2.54	.468635
5	105	8.58	1.92	.354244
6	150	9.92	.58	.107011
7	180	10	.5	.0922509
8	270	10.08	.42	.0774908
9	450	10.17	.33	.0608856
10	570	10.21	.29	.0535055
11	900	10.38	.12	.0221402

K = 6.79409E-04 CM/SEC

K = 14.3943 GAL/DAY/SQ.FT

PEASE AFB
11/16/84

RFW-32

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	30	16.67	14.84	1
2	60	15.75	13.92	.938005
3	120	13.42	11.59	.780997
4	180	11.5	9.67	.651617
5	240	9.92	8.09	.545148
6	300	8.67	6.84	.460916
7	600	4.75	2.92	.196766
8	900	2.17	.34	.0229111
9	1800	2	.17	.0114555
10	2400	1.83	0	0

K = 1.25321E-04 CM/SEC

K = 2.6551 GAL/DAY/SQ.FT

PEASE AFB

RFW-33

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	0	18.25	15.54	1
2	45	18.13	15.42	.992278
3	65	18.08	15.37	.989061
4	90	18	15.29	.983913
5	120	17.92	15.21	.978764
6	180	17.71	15	.965251
7	240	17.53	14.82	.953668
8	300	17.35	14.64	.942085
9	600	16.5	13.79	.887387
10	900	16	13.29	.855212
11	1200	15	12.29	.790862
12	1800	13.58	10.87	.699485

K = 3.07279E-06 CM/SEC

K = .0651014 GAL/DAY/SQ.FT

PEASE AFB

RFW-34

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	25.8	15.46	12.63	1
2	57	14.92	12.09	.957245
3	82.2	14.5	11.67	.923991
4	109.8	13.96	11.13	.881235
5	150	13.21	10.38	.821853
6	240	12.21	9.38	.742676
7	300	11.33	8.5	.673001
8	450	9.83	7	.554236
9	600	8.58	5.75	.455265
10	900	6.75	3.92	.310372
11	1500	4.79	1.96	.155186
12	1860	4.25	1.42	.112431
13	2760	3.5	.67	.0530483

K = 2.34093E-05 CM/SEC

K = .49596 GAL/DAY/SQ.FT

PEASE AFB
1/17/85 RFW-35

READING NUMBER	TIME (SEC)	HEAD (FEET)	HEAD DIFF (FEET)	HEAD RATIO
1	36	21.58	16.16	1
2	51	20.42	15	.928218
3	75	18.67	13.25	.819926
4	94	17.5	12.08	.747525
5	118	16.08	10.66	.659654
6	150	14.58	9.16	.566832
7	180	13.5	8.08	.5
8	300	10	4.58	.283416
9	600	8.83	3.41	.211015
10	900	7.46	2.04	.126238
11	2040	6.83	1.41	.0872525
12	2700	6.67	1.25	.0773515
13	4500	6.33	.91	.0563119
14	8100	6	.58	.0358911

K = 3.79953E-05 CM/SEC

K = .804986 GAL/DAY/SQ.FT

WESTON

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: Lone Air IRP Phase I SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction EQUIPMENT: Case 680 backhoe

DEPTH TO WATER: INSPECTOR: SMART

LOG OF TEST PIT No. 7-TP-1 Date: 1-9-85 Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Yellowish / Brown stratified fine to coarse Gravel, numerous cobbles and boulders moist	sampled from 0-12"
5			
10			
15			
20			

COMMENTS:

WESTON

PROJECT No. 0228-00-05

TEST PIT LOGS

PROJECT: Local - Alt IRP Phase I

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction

EQUIPMENT: Case 680 backhoe

DEPTH TO WATER:

INSPECTOR: SMART

LOG OF TEST PIT No. 7-TP-2

Date: 1-9-85

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Black ash residue and GRAVEL	
		Yellowish / Brown fine to coarse GRAVEL	
5			
		moist	sampled from 7-8'
10			
15			
20			

C-80

COMMENTS:

WESTON

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: Lone Ant IRP Project I

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction

EQUIPMENT: Case 680 backhoe

DEPTH TO WATER:

INSPECTOR: SMART

LOG OF TEST PIT No. 7-TP-3

Date: 1/9/85

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Yellowish / Brown fine to coarse GRAVEL	
5		moist	
10			
15			
20			

COMMENTS:

WESTON

PROJECT No. [illegible]

TEST PIT LOGS

PROJECT: Roosa AFB IRP Phase II

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction

EQUIPMENT: Case [illegible]

DEPTH TO WATER:

INSPECTOR: Smart

LOG OF TEST PIT No. B-TP-1

Date: 10/25/84 Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Sample 1 -	Tan fine to medium SAND and GRAVEL with cobbles	HNu Background 1 ppm; up to 4 ppm in pit
5			
10			
15			
20			

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. 0623-[illegible]

TEST PIT LOGS

PROJECT: [illegible] IRP Phase II

SHEET 1 OF 1

CLIENT: [illegible]

CONTRACTOR: [illegible]

EQUIPMENT: [illegible]

DEPTH TO WATER: —

INSPECTOR: [illegible]

LOG OF TEST PIT No. 8-TP-2

Date: 10/25/[illegible]

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
	Sample # 2	Tan fine to coarse SAND and Gravel.	HNu 2ppm above background
5		Stratified fine to coarse SAND and fine to coarse Gravel	
10			
15			
20			

C-03

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. 0[illegible]-05

TEST PIT LOGS

PROJECT: [illegible] IRP Phase II — SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: [illegible] Construction — EQUIPMENT: [illegible]

DEPTH TO WATER: —— — INSPECTOR: [illegible]

LOG OF TEST PIT No. 8-TP-3 — Date: 10/[illegible] — Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Red/Brown fine to coarse SAND and GRAVEL	
		Tan fine SAND, dry	
5		Medium to Coarse Sand some fine to Coarse SAND, cobbles.	
10			
15			
20			

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. 0427[illegible]05

TEST PIT LOGS

PROJECT: Fort [illegible] IRP Phase II

SHEET OF

CLIENT: USAF

CONTRACTOR: [illegible] Construction

EQUIPMENT: Case 580 Backhoe

DEPTH TO WATER:

INSPECTOR: SMAF

LOG OF TEST PIT No. 8-TP-4

Date: 10/25/[illegible]4 Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		F.D.-1 TP-2	
	S[illegible]-1	Reddish brown fine to coarse SAND	HNu - 7 ppm wkg.
	2	and Gravel	Same wkg. [illegible]
		TP-1 fine SAND	
		[illegible]	
5			
		[illegible]	
10			
15			
20			

C-05

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. [illegible]

TEST PIT LOGS

PROJECT: [illegible]

SHEET OF

CLIENT: USAF

CONTRACTOR: [illegible]

EQUIPMENT: [illegible]

DEPTH TO WATER:

INSPECTOR: [illegible]

LOG OF TEST PIT No. S-TP-[illegible]

Date: [illegible]

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		[illegible]	7 ppm [illegible]
		[illegible] to coarse SAND and GRAVEL	
		[illegible] fine SAND	
5		fine to [illegible] SAND, little [illegible]	
10			
15			
20			

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. [illegible]

TEST PIT LOGS

PROJECT: [illegible]

SHEET 1 OF 1

CLIENT: USA

CONTRACTOR: [illegible]

EQUIPMENT: [illegible]

DEPTH TO WATER:

INSPECTOR: [illegible]

LOG OF TEST PIT No. S-TP-6 Date: [illegible] Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Black topsoil	
		[illegible], Brown [illegible] to [illegible] fine	
		Reddish Brown fine to coarse SAND, some GRAVEL [illegible]	
		Top of SAND	
5			
10			
15			
20			

C-87

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. [illegible]

TEST PIT LOGS

PROJECT: [illegible] SHEET / OF /

CLIENT: [illegible]

CONTRACTOR: [illegible] EQUIPMENT: [illegible]

DEPTH TO WATER: INSPECTOR:

LOG OF TEST PIT No. [illegible] Date: [illegible] Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		[illegible]	
		[illegible] to medium SAND	
		Reddish / Brown fine to coarse SAND [illegible]	
			HNu 7 [illegible]
		Tan fine SAND	
5			
		Coarse SAND and [illegible]	
		Tan fine SAND	
10			
15			
20			

C-88

COMMENTS:

WESTON

PROJECT No. [illegible]

TEST PIT LOGS

PROJECT: [illegible]

SHEET OF

CLIENT:

CONTRACTOR: [illegible]

EQUIPMENT: [illegible]

DEPTH TO WATER:

INSPECTOR: [illegible]

LOG OF TEST PIT No. 8- TP -5 Date: [illegible]/85 Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
	[illegible]	[illegible]	
	5	[illegible] Brown [illegible] SAND, [illegible] GRAVEL	
5		[illegible] SAND, [illegible] GRAVEL and [illegible]	
		[illegible] Bedrock [illegible]	
10			
15			
20			

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: Force AFB Phase II IRP SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: [illegible] EQUIPMENT: [illegible]

DEPTH TO WATER: INSPECTOR: Smart

LOG OF TEST PIT No. S-TP-9 Date: 10/26/83 Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
	Sample #6	Black / Dark Brown Topsoil	5.0 ppm on HNu
		Reddish / brown medium to coarse SAND and medium to coarse GRAVEL	
5			
10			
15			
20			

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. 0677.03.05

TEST PIT LOGS

PROJECT: Paasa AFB Phase II IRP

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction

EQUIPMENT: Case 680 backhoe

DEPTH TO WATER:

INSPECTOR: Smith

LOG OF TEST PIT No. S-TP-10 Date: 10/26/84 Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
	Sample #7	Stained greenish/gray medium to coarse SAND and medium to coarse GRAVEL.	25 ppm on HNu
5			
10			
15			
20			

C-91

COMMENTS:

WESTON ENGINEERS CONSULTANTS

PROJECT No. [illegible] 5

TEST PIT LOGS

PROJECT: [illegible]

SHEET 1 OF 1

CLIENT: [illegible]

CONTRACTOR: [illegible] Construction

EQUIPMENT: Case 680 backhoe

DEPTH TO WATER:

INSPECTOR: SMART

LOG OF TEST PIT No. [illegible]

Date: 1/8/84

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Raddish / Brown fine to coarse SAND	
		Yellowish / brown fine to coarse GRAVEL and SAND, cobbles and boulders down to wet	
5			
10			
15			
20			

C-92

COMMENTS:

WESTON

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: Love - Air IRP Phase I

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction

EQUIPMENT: Case 680 backhoe

DEPTH TO WATER:

INSPECTOR: SMART

LOG OF TEST PIT No. 10-TP-2

Date: 1-8-84

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Dark Brown Topsoil	
		Reddish/Brown fine to coarse SAND (fill)	
		Yellowish/brown fine to coarse GRAVEL and SAND, cobbles and boulders damp	
5			
10			
15			
20			

C-93

COMMENTS:

WESTON

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: Lone Air IRP Phase I

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction

EQUIPMENT: Case 680 backhoe

DEPTH TO WATER:

INSPECTOR: SMART

LOG OF TEST PIT No. 10-TP-3

Date: 1-8-85

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Reddish brown fine to coarse SAND	
		same, moist	
5			
10			
15			
20			

C-94

COMMENTS:

WESTON

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: [illegible] IRP Project I

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction

EQUIPMENT: Case 680 backhoe

DEPTH TO WATER:

INSPECTOR: SMART

LOG OF TEST PIT No. 10-TP-4

Date: 1-F-85

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Reddish / Brown fine to coarse SAND	Nested drums
5			
10			
15			
20			

COMMENTS:

WESTON

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: Lab. - Alt. IRP Proj. I — SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction — EQUIPMENT: Case 680 backhoe

DEPTH TO WATER: — INSPECTOR: SMART

LOG OF TEST PIT No. 10-TP-5 — Date: 1-8-95 — Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		topsoil	
		Raddish/Brown fine to coarse SAND	
		Yellowish/brown fine to coarse GRAVEL and fine to coarse SAND, cobbles and boulders.	
5			
10			
15			
20			

C-96

COMMENTS:

WESTON

PROJECT No. 0678-00-05

TEST PIT LOGS

PROJECT: Lowry AFB IRP Proj. I

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction

EQUIPMENT: Case 680 backhoe

DEPTH TO WATER:

INSPECTOR: SMART

LOG OF TEST PIT No. 10-TP6

Date: 1-8-95 Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Yellowish / Brown fine to coarse GRAVEL	drums found
5			
10			
15			
20			

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. 0655-0-005

TEST PIT LOGS

PROJECT: Dease AFS Phase II IRP

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Parsons Construction

EQUIPMENT: Case 580 Backhoe

DEPTH TO WATER:

INSPECTOR:

LOG OF TEST PIT No. 11-TP-1 Date: 10/25/95 Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		TOPSOIL Reddish Brown Medium to Coarse SAND, Trace fine to medium gravel	
		Tan fine to medium SAND	
5			
10			
15			
20			

C-98

COMMENTS:

WESTON ENGINEERS CONSULTANTS

PROJECT No. 0628-09-003

TEST PIT LOGS

PROJECT: Dessa AFB Phase II IRP

SHEET 1 OF

CLIENT: USAF

CONTRACTOR: Rayonier Construction

EQUIPMENT: Case 580

DEPTH TO WATER:

INSPECTOR: Smart

LOG OF TEST PIT No. 11 - TP - 2

Date: 10/23/93

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Black Topsoil	
		Reddish / brown fine to medium SAND	
5		Tan fine to medium SAND	
		Tan fine to medium GRAVEL, little fine to coarse sand	
10			
15			
20			

C-99

COMMENTS:

WESTON ENGINEERS CONSULTANTS

PROJECT No. 0687-09-05

TEST PIT LOGS

PROJECT: [illegible]

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: [illegible]

EQUIPMENT: [illegible]

DEPTH TO WATER:

INSPECTOR: [illegible]

LOG OF TEST PIT No. 11 TP - 3 Date: 10/26/85 Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		black Topsoil	
		Reddish/brown fine to medium SAND trace coarse gravel	
5		Tan fine to coarse SAND	
10			
15			
20			

C-100

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. [illegible]

TEST PIT LOGS

PROJECT: [illegible] Project IRP

SHEET 1 OF

CLIENT: USAF

CONTRACTOR: [illegible]

EQUIPMENT: [illegible]

DEPTH TO WATER:

INSPECTOR: [illegible]

LOG OF TEST PIT No. 11-TP-1 Date: [illegible] Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		3 topsoil	
		Reddish/brown fine to medium SAND, trace coarse gravel	
5		Tan fine to coarse SAND	
10			
15			
20			

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. [illegible]

TEST PIT LOGS

PROJECT: Radar Area Phase II RI/FS

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Paterson Construction

EQUIPMENT: Case 580 Backhoe

DEPTH TO WATER:

INSPECTOR: [illegible]

LOG OF TEST PIT No. 11 - TP - 5

Date: [illegible]

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Black Topsoil	
		Reddish/brown Fine to coarse GRAVEL, some [illegible] sand	
		Tan fine to medium SAND	
5		Tan medium to coarse SAND [illegible] gravel	
10			
15			
20			

C-102

COMMENTS:

WESTON DESIGNERS CONSULTANTS

PROJECT No. [illegible]

TEST PIT LOGS

PROJECT: [illegible] SHEET 1 OF 1

CLIENT: [illegible]

CONTRACTOR: [illegible] EQUIPMENT: [illegible]

DEPTH TO WATER: INSPECTOR: [illegible]

LOG OF TEST PIT No. 11 TP Date: [illegible] Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		brown Topsoil	
	Sample 8	Tan fine to coarse GRAVEL and fine to coarse SAND	
	8		
		Tan fine to coarse SAND, some silt, boulders	
		light brown silt/clay and coarse boulders	
5		[illegible] and boulders	
10			
15			
20			

C-103

COMMENTS:

WESTON ENGINEERING CONSULTANTS

PROJECT No. [illegible]

TEST PIT LOGS

PROJECT: [illegible] phase 7 TP's

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: [illegible]

EQUIPMENT: Case 580 backhoe

DEPTH TO WATER:

INSPECTOR: [illegible]

LOG OF TEST PIT No. 11 - TP - 7

Date: 10/30/84

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		[illegible] fine to coarse SAND	
		Fine to medium SAND, [illegible]	
5			
10			
15			
20			

C-104

COMMENTS:

WESTON

TEST BORING LOG

BORING NO. 12-B-1

PROJECT : Pease AFB Phase II IRP study	SHEET NO 1 OF 1
CLIENT : USAF	JOB NO. 0628-09-05
BORING CONTRACTOR : WESTON - power auger	ELEVATION
	DATE STARTED 10-28-85
	DATE FINISHED 10-28-85
	DRILLER
	INSPECTOR Sutton

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				fine to coarse SAND and fine to coarse GRAVEL	
					auger refusal (cobbles)	
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. 12-B-2

PROJECT : Pease AFB Phase II IRP study
SHEET NO 1 OF 1
CLIENT : USAF
JOB NO. 0628-09-05
BORING CONTRACTOR : WESTON - power auger
ELEVATION
GROUND WATER :
DATE STARTED 12-28-85
DATE FINISHED 12-28-85
DRILLER
INSPECTOR Sutton

DATE	TIME	WATER EL.	SCREEN		CAS.	SAMP.	CORE	TUBE
				TYPE				
				DIA.				
				WT.				
				FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				fine to coarse SAND, and fine to coarse GRAVEL	
					auger refusal (cobbles)	
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. 12-B-3

PROJECT : Paasa AFB Phase II IRP study	**SHEET NO** 1 **OF** 1
CLIENT : USAF	**JOB NO.** 0628-09-05
BORING CONTRACTOR : WESTON - power auger	**ELEVATION**
GROUND WATER :	**DATE STARTED** 10-28-85
DATE / **TIME** / **WATER EL.** / **SCREEN**	**DATE FINISHED** 10-28-85
	DRILLER
	INSPECTOR Sutton

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				fine to coarse SAND, and fine to coarse GRAVEL	hole collapse / to 4'
	5					▼
	10				auger refusal (cobbles)	
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

PROJECT No.

TEST PIT LOGS

PROJECT:

SHEET | OF

CLIENT:

CONTRACTOR:

EQUIPMENT:

DEPTH TO WATER:

INSPECTOR:

LOG OF TEST PIT No. | Date Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
5			
10			
15			
20			

C-108

COMMENTS:

FIGURE

WESTON

PROJECT No.

TEST PIT LOGS

PROJECT:

SHEET OF

CLIENT:

CONTRACTOR: EQUIPMENT:

DEPTH TO WATER: INSPECTOR:

LOG OF TEST PIT No. Date: Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
			NU: 4 ppm
		Refusal at 3'	
5			
10			
15			
20			

C-109

COMMENTS:

FIGURE

WESTON

PROJECT No. 0682-04-05

TEST PIT LOGS

PROJECT: [illegible]

SHEET 1 OF 14-B-3

CLIENT: [illegible]

CONTRACTOR:

EQUIPMENT:

DEPTH TO WATER:

INSPECTOR:

LOG OF TEST PIT No. 14-B-3 Date: Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		road fill coarse gravel	HNU @ surface = 20 ppm HNU = 5 ppm
5		[illegible] moist	HNU = 15 ppm
		same [illegible] moist	
10		[illegible]	HNU = [illegible] ppm
15			
20			

C-110

COMMENTS:

WESTON

PROJECT No.

TEST PIT LOGS

PROJECT:

SHEET OF

CLIENT:

CONTRACTOR: EQUIPMENT:

DEPTH TO WATER: INSPECTOR:

LOG OF TEST PIT No. 14-E-2 Date: Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
5			
10			
15			
20			

C-111

COMMENTS:

FIGURE

WESTON

PROJECT No.

TEST PIT LOGS

PROJECT:

SHEET OF

CLIENT:

CONTRACTOR:

EQUIPMENT:

DEPTH TO WATER:

INSPECTOR:

LOG OF TEST PIT No. Date: Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
5			
10			
15			
20			

C-112

COMMENTS:

FIGURE

WESTON

TEST BORING LOG

BORING NO. IS-B-2

PROJECT : Pease AFB Phase II IRP study

SHEET NO 1 **OF** 1

CLIENT : USAF

JOB NO. 0628-09-05

BORING CONTRACTOR : WESTON - power auger

ELEVATION

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

DATE STARTED 12-27-85

DATE FINISHED 12-27-85

DRILLER

INSPECTOR Sutton

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
1" PVC	0				Greenish/gray GRAVEL fill	
					fine to coarse SAND, some silt and clay	
	5				Blue/gray silty CLAY	▽
Sand Union	10					Sample from 8-10'
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. IS-B-3

PROJECT : Pease AFB Phase II IRP study	SHEET NO 1 OF 1
CLIENT : USAF	JOB NO. 0628-09-05
BORING CONTRACTOR : WESTON - power auger	ELEVATION
GROUND WATER :	DATE STARTED 12-27-85
DATE / TIME / WATER EL. / SCREEN	DATE FINISHED 12-27-85
TYPE / CAS. / SAMP. / CORE / TUBE	DRILLER
DIA.	INSPECTOR Sutton
WT.	
FALL	

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
1" PVC Vpon hubang	0 5 10 15 20 25 30 35 40 45				GRAVEL fill fine to coarse SAND, some silt and clay Blue/gray silty CLAY	sampled from 8-10'

WESTON

TEST BORING LOG

BORING NO. 15-B-4

PROJECT : Pease AFB Phase II IRP study

SHEET NO 1 OF 1

CLIENT : USAF

JOB NO. 0628-09-05

BORING CONTRACTOR : WESTON - power auger

ELEVATION

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

DATE STARTED 12-27-95

DATE FINISHED 12-27-95

DRILLER

INSPECTOR Sutton

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
Stick-up	0				GRAVEL fill	Hnu 70 ppm downhole
	5				Gray silty CLAY	▼ sample from 3-6'
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. IS B-2

PROJECT : Plasa AFB IRP Phase II

SHEET NO 1 OF 1

CLIENT : USAF

JOB NO. 0[illegible]

BORING CONTRACTOR : Western - Power Auger

ELEVATION

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

DATE STARTED 4/6 [illegible]

DATE FINISHED 4-[illegible]

DRILLER

INSPECTOR Sawyer

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				Gravel fill	
					[illegible] SAND	
	5				[illegible] SAND, [illegible]	▼ [illegible]
					light gray clay	
	10				[illegible]	
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. 15-5-4

PROJECT :	SHEET NO 1 OF 1
CLIENT :	JOB NO.
BORING CONTRACTOR :	ELEVATION
	DATE STARTED
	DATE FINISHED
	DRILLER
	INSPECTOR

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				Gravel fill Fine to medium brown SAND, Some silt Gray silty SAND, some clay Gray silty CLAY	Sandy
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. IS-B-7

PROJECT :	SHEET NO. 1 OF 1
CLIENT :	JOB NO. 0627-09-05
BORING CONTRACTOR :	ELEVATION
GROUND WATER :	DATE STARTED 4-6-85
DATE FINISHED	
DRILLER	
INSPECTOR	

DATE	TIME	WATER EL.	SCREEN		TYPE	CAS.	SAMP.	CORE	TUBE
					DIA.				
					WT.				
					FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				gravelly SAND	
	5				SAND	
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON ENGINEERS CONSULTANTS

TEST BORING LOG

BORING NO. [illegible]

PROJECT : [illegible]	SHEET NO. 1 OF 1
CLIENT : [illegible]	JOB NO. [illegible]
BORING CONTRACTOR : [illegible]	ELEVATION
	DATE STARTED [illegible]
	DATE FINISHED [illegible]
	DRILLER
	INSPECTOR [illegible]

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				[illegible] FINE SAND	
	5				Dark [illegible] Sand	
	10					[illegible]
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO.

PROJECT :

CLIENT :

BORING CONTRACTOR :

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

SHEET NO 1 OF 1

JOB NO.

ELEVATION

DATE STARTED

DATE FINISHED

DRILLER

INSPECTOR

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				FILL	
					light brown [illegible] fine SAND	
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. 15-B-13

PROJECT : Dover AFB - [illegible]

CLIENT : USAF

BORING CONTRACTOR : Weston - Power Gear

SHEET NO. 1 OF 1

JOB NO. C-121-89-03

ELEVATION

DATE STARTED 4-10-89

DATE FINISHED 4-10-89

DRILLER

INSPECTOR Sutton

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				Fill Light brown fine to medium SAND moist	
	5				light brown silty fine SAND	
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. 15-B 11

PROJECT : [illegible] Phase II IRP	SHEET NO. 1 OF 1
CLIENT : USAF	JOB NO. [illegible]
BORING CONTRACTOR : [illegible]	ELEVATION
GROUND WATER :	DATE STARTED 4-15-85
DATE / TIME / WATER EL. / SCREEN	DATE FINISHED [illegible]
	DRILLER
	INSPECTOR Sutton

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
2.0 [illegible]	0				fill Brown fine to [illegible] SAND Dark [illegible] fine silty sand.	▼ 3.0 Strong organic odor Hnu - 160 ppm
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. 15-P-12

PROJECT : Pease AFB Phase I IRP

SHEET NO. 1 **OF** 1

CLIENT : USAF

JOB NO. 0628-0[illegible]

BORING CONTRACTOR : [illegible] - Dyna-drill

ELEVATION

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

DATE STARTED 4-4-85

DATE FINISHED 4-[illegible]-85

DRILLER

INSPECTOR Sutton

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				gravelly [illegible]	
					fine to medium SAND, some silt.	
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. [illegible]

PROJECT : [illegible]	SHEET NO. 1 OF 1
CLIENT : [illegible]	JOB NO. [illegible]
BORING CONTRACTOR : [illegible]	ELEVATION
GROUND WATER :	DATE STARTED [illegible]
DATE / TIME / WATER EL. / SCREEN	DATE FINISHED [illegible]
	DRILLER
	INSPECTOR Sutton

	TYPE	CAS.	SAMP.	CORE	TUBE
	DIA.				
	WT.				
	FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				fill medium to coarse [illegible] SAND, [illegible] some, some [illegible] [illegible]	
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. 15-A-14

PROJECT : [illegible] PHASE II RI

CLIENT : USN

BORING CONTRACTOR : [illegible]

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

SHEET NO 1 OF 1

JOB NO. 0528-[illegible]

ELEVATION

DATE STARTED 4-10-[illegible]

DATE FINISHED [illegible]

DRILLER

INSPECTOR [illegible]

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				Light brown fine SAND	
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. IS-B-13

PROJECT : Deer Park Plant [illegible]

CLIENT : [illegible]

BORING CONTRACTOR : [illegible] - power auger

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

SHEET NO [illegible] OF [illegible]

JOB NO. [illegible]

ELEVATION

DATE STARTED 4-23-82

DATE FINISHED 4-23-82

DRILLER

INSPECTOR Sutton

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				Dark [illegible] Soil, sandy loam,	
					light gray fine SAND	
	5				Tan fine to medium Sand,	
					some silt	
	10				moist	
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. 15-B-[illegible]

PROJECT : [illegible]

CLIENT : [illegible]

BORING CONTRACTOR : [illegible]

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

SHEET NO [illegible] OF [illegible]

JOB NO. 06[illegible]

ELEVATION

DATE STARTED 4-23-85

DATE FINISHED 4-[illegible]

DRILLER

INSPECTOR [illegible]

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				organic topsoil	
					fine to medium SAND some silt	
	5				[illegible]	▼
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. B-B-17

PROJECT : [illegible]

SHEET NO 1 OF 1

CLIENT : [illegible]

JOB NO. 0653-[illegible]

BORING CONTRACTOR : [illegible]

ELEVATION

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

DATE STARTED 10-27-87

DATE FINISHED [illegible]

DRILLER

INSPECTOR Sutton

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
1" PVC	0				Brown fine to medium SAND, fill	
	5				SAND	
	10				[illegible]	▽
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. S-B-5

PROJECT : [illegible] AFB Plant IRP	SHEET NO OF
CLIENT : [illegible]	JOB NO. [illegible]
BORING CONTRACTOR : [illegible]	ELEVATION
	DATE STARTED 11-23-[illegible]
	DATE FINISHED [illegible]
	DRILLER
	INSPECTOR [illegible]

GROUND WATER: DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				Medium to coarse SAND and [illegible]	[illegible]
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. 15-B-19

PROJECT : [illegible] Plant J IRP	SHEET NO 1 OF 1
CLIENT : USAF	JOB NO. [illegible]
BORING CONTRACTOR : [illegible] - Power [illegible]	ELEVATION
GROUND WATER :	DATE STARTED 4-25-[illegible]
DATE / TIME / WATER EL. / SCREEN	DATE FINISHED [illegible]-55
	DRILLER
	INSPECTOR Sutton

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				medium to coarse brown SAND, some coarse gravel	Hit 50 ppm
					Dark [illegible] SOIL	
	5				Grey silty SAND, SAND [illegible]	Hit 100 ppm
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. IS-P-[illegible]

PROJECT : [illegible]

CLIENT : [illegible]

BORING CONTRACTOR : [illegible]

SHEET NO 1 OF 1

JOB NO. [illegible]

ELEVATION

DATE STARTED [illegible]

DATE FINISHED [illegible]

DRILLER

INSPECTOR [illegible]

GROUND WATER :					CAS.	SAMP.	CORE	TUBE
DATE	TIME	WATER EL.	SCREEN	TYPE				
				DIA.				
				WT.				
				FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				[illegible] GRAVEL [illegible]	[illegible]
					Refusal	
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. 15-B-3

PROJECT :	SHEET NO 1 OF 1
CLIENT :	JOB NO.
BORING CONTRACTOR :	ELEVATION
GROUND WATER :	DATE STARTED
DATE / TIME / WATER EL. / SCREEN	DATE FINISHED
	DRILLER
	INSPECTOR

	TYPE	CAS.	SAMP.	CORE	TUBE
	DIA.				
	WT.				
	FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				Coarse Gravel	HNu - 5.0 PPM
					refusal	
	5					
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

TEST BORING LOG

BORING NO. 15-B-22

PROJECT : [illegible]

SHEET NO. 1 OF 1

CLIENT : [illegible]

JOB NO. [illegible]

BORING CONTRACTOR : [illegible]

ELEVATION

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

DATE STARTED 10-25-85

DATE FINISHED [illegible]

DRILLER

INSPECTOR Sutton

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				GRAVEL FILL	
	5				[illegible]	
	10				medium to coarse SAND, some silt, trace gravel	
	15				Gray silty sand, some clay	some wood
	20					
	25					
	30					
	35					
	40					
	45					

WESTON ENGINEERING CONSULTANTS

TEST BORING LOG

BORING NO. 15-13-22

PROJECT :	SHEET NO. OF 1
CLIENT : USAF	JOB NO.
BORING CONTRACTOR :	ELEVATION
	DATE STARTED 10-28-82
	DATE FINISHED
	DRILLER
	INSPECTOR

GROUND WATER : DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				COARSE GRAVEL	HNU 20 ppm
	5				refusal	
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON
RESIDENTIAL CONSULTANTS

TEST BORING LOG

BORING NO. 15-B-2

PROJECT : [illegible]	SHEET NO OF
CLIENT : [illegible]	JOB NO. [illegible]
BORING CONTRACTOR : [illegible]	ELEVATION
	DATE STARTED 6-25-[illegible]
	DATE FINISHED 6-26-[illegible]
	DRILLER
	INSPECTOR [illegible]

GROUND WATER :

DATE	TIME	WATER EL.	SCREEN

	CAS.	SAMP.	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

WELL CONSTRUCTION	DEPTH FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				[illegible]	100 [illegible] on Hole
					fine to medium SAND	
	5				[illegible] SAND	
					CLAY	
	10					
	15					
	20					
	25					
	30					
	35					
	40					
	45					

WESTON

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: Loring AFB IRP Proj. I — SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction — EQUIPMENT: Case 680 backhoe

DEPTH TO WATER: — INSPECTOR: SMART

LOG OF TEST PIT No. 22-TP-1 — Date: 1-9-95 — Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Black ash residue and GRAVEL	
		Yellowish/Brown fine to coarse GRAVEL	
5			
10			
15			
20			

C-136

COMMENTS: New site near Site 7 suspected of being old fire training Pad

WESTON

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: [illegible] AFB IRP Phase II

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction

EQUIPMENT: Case 680 backhoe

DEPTH TO WATER:

INSPECTOR: SMART

LOG OF TEST PIT No. 22-TP-2

Date: 1-9-95

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Black ash residue and GRAVEL	
		Yellowish/Brown fine to course GRAVEL	
5			
10			
15			
20			

COMMENTS:

WESTON

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: Paaso AFB IRP Phase II — SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction — EQUIPMENT: Case 690 backhoe

DEPTH TO WATER: — INSPECTOR: SMART

LOG OF TEST PIT No. 82 TP-3 — Date: 1-8-85 — Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Dark Brown topsoil with debris	
		Orangy / Brown fine to coarse SAND and GRAVEL	
		Same with more GRAVEL	
5			
10			
15			
20			

COMMENTS:

WESTON

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: Lone Air IRP Phase I

SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction

EQUIPMENT: Case 680 backhoe

DEPTH TO WATER:

INSPECTOR: SMART

LOG OF TEST PIT No. 22-TP-4

Date: 12-9-84

Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Debris and Black Ash Residue	
		Orangy/Brown fine to coarse SAND and GRAVEL	
		Grayish/Brown GRAVEL moist	50 ppm on HNu sampled from 4-5'
5			20-30 ppm in breathing zone
10			
15			
20			

C-139

COMMENTS:

WESTON

PROJECT No. 0628-09-05

TEST PIT LOGS

PROJECT: [illegible] AFB IRP Phase II — SHEET 1 OF 1

CLIENT: USAF

CONTRACTOR: Robinson Construction — EQUIPMENT: Case 680 backhoe

DEPTH TO WATER: — INSPECTOR: SMART

LOG OF TEST PIT No. 22-TP-5 — Date: 12-9-84 — Elevation:

DEPTH FT.	SAMPLE No. DEPTH	CLASSIFICATION	TEST RESULTS
		Brown / Brown fine to coarse SAND and GRAVEL	no soil staining
5			
10			
15			
20			

COMMENTS:

APPENDIX D

NUMBERING SYSTEM FOR SUBSURFACE INVESTIGATIONS

Appendix D

Numbering System for Subsurface Investigations

RFW Denotes test borings performed at Pease AFB to investigate unconsolidated deposits or bedrock. The borings were installed using hollow-stem auger and/or case and wash drilling techniques in the unconsolidated material and by roller bit and/or diamond bit NX core barrel in the bedrock. Monitoring wells were constructed in borings RFW-1 through RFW-35. Numbers RFW-36 through RFW-41 were assigned to blind duplicate groundwater samples or blanks.

TP Denotes test pits excavated with a backhoe. Numerical prefixes and suffixes were assigned to denote the site at which the test pit was excavated and to identify the test pit within the site. For example, 8-TP-6 was the sixth test pit excavated at site 8.

B Denotes a shallow soil boring installed with a portable power auger to investigate shallow unconsolidated deposits. A total of thirty-one borings were installed using this method. Numerical prefixes and suffixes were assigned to denote the site at which the boring was installed and to identify the boring within the site. For example, boring 15-B-1 was the first boring installed at site 15. If groundwater was encountered in a boring, a temporary piezometer was installed and a "P" was added to the end of the identification number (15-B-1-P).

APPENDIX E

FIELD RAW DATA

11/7/84

Sample Site	pH	micro mho/cm SC	T °C
SW-13	6.15	100	8
SW-17	6.10	50	10
SW-12	6.65		
SW-11	6.80		
SW-10	6.50		
SW-16			
SW-15			
SW-3			
PW-1	7.65	160	9.0
PW-2	7.1	235	10.0
PW-3	7.3	240	10.5
PW-4	6.3	340	7.0
PW-5	7.6	210	10.0
PW-6	7.3	240	9.0
PW-7	7.3	240	9.0
SW-4			
SW-9			

11/7/84
BOB RICARD
GERRY O'NEILL
GLENN SMART
JOHN GILLE"

SURFACE WATER COLLECTION

1000 HRS
GILBERT LEFT W/ CE REP TO COLLECT WELL SAMPLES PW1-PW7

O'NEIL, RICARD, SMART ACCOMPANIED BY LT. RICHARD McCOY WENT TO SITE 9 AND COLLECTED SW-10-12 ; SW10 AT FENCE LINE SW11 UPGRADIENT END OF CMP UNDER ROAD
SW12 ~ 100 YDS DOWN-GRADIENT OF ROAD
EMPTY FLUOROCARBON DRUM FOUND NEAR SW-10.

SMART, O'NEIL & RICARD PROCEEDED TO ZONE 2 TO COLLECT SW-13, SW-14, SW-15, SW-16

11/8/84 SPEC. COND. DATA

SAMPLE	pH	METER	SPEC. COND.	TEMP.
SW-9	7.65	1500	210	2.0°C.
SW-2	6.65	3900	550	6.0°C
SW-3	6.60	2025	285	3.0°C.
SW-4	6.85	1925	270	3.0°C.
SW-5	7.05	2350	330	5.0°C.
SW-6	7.05	2400	340	5.0°C.
SW-7	6.75	3450	485	4.0°C.
SW-8	7.50	1825	255	6.0°C.
SW-1	7.50	2200	310	5.5°C.
SW-10	6.75	6500	810	9.0°C.
SW-11	6.20	3600	450	7.0°C.
SW-12	6.35	3500	435	8.0°C
SW-15	6.55	1460	180	9.0°C.
SW-19	6.75	2450	300	9.5°C.
SW-14	6.80	1550	190	10.0°C.
SW-13	6.65	1500	190	9.5°C
SW-16	6.70	1400	175	5.0°C.
SW-30	7.00	3150	390	8.0°C.
SW-51	7.40	3200	400	7.0°C
SW-20	7.15	2450	300	10.0°C.

11/8/84

CELL CONSTANT CHECK @ 0930

REF. STANDARD = 1413 μmhos/cm

READING = 10,100 μmhos/cm.

CONSTANT = $\frac{1413}{10,100}$

= 0.14

1145 BROKE FOR LUNCH

1230 GRS/GTO PURCHASING SUPPLIES FOR SAMPLE PACKING.

1315 RAP/JAG TO COLLECT IN-SITU TEMP./pH/SPEC. COND. DATA AT SW-10/11/12/13/14/15/16/17/18. GRS TO SAMPLE SW-19/SW-20/SD-1/SD-2W/McCOY

CELL CONSTANT CHECK @ 1330

READING = 11,400 μmhos/cm

CONSTANT = $\frac{1413}{11,400}$

= 0.124

3/11

Pease surface water samples

Sample #	pH	Temp °C	Cond. µmos
SW-4	7.6	6	100
SW-6	7.2	6	150
SW-9	7.4	5	105
SW-2	6.8	7	160
SW-3	7.2	6	370
SW-7	6.8	8	290
SW-4	7.2	7	170
SW-1	7.4	5	230
SW-12	6.8	7	220
SW-11	6.6	7	250
SW-33	6.7	2	220
SW-10	7.4	10	490
SW-14	7.4	8	140
SW-13	6.2	7	30
SW-15	7.6	7	120
SW-16	6.8	5	60

3/12

Pease surface water samples

Sample #	pH	Temp °C	Cond. µmos
SW-36	5.8	4.5	130
SW-21	7	2.5	70
SW-22	6.8	3.5	155
SW-24	5	3	40
SW-37	5	3	50

Heavy Rain.
40°.

11/9/84 PEASE AFB - PHASE II IRP

SAMPLE	pH	METER	SPEC. COND.	TEMP. °C.
SW-29	6.10	640	100	4.5
SW-26	6.40	4950	780	5.5
SW-27	6.45	5300	830	6.0
SW-25	6.35	4600	720	7.0
SW-28	6.30	5700	895	4.0
SW-21	6.70	1800	280	13.0
SW-22	6.75	9800	1550	13.0
SW-23	6.70	1750	275	13.0
SW-24	6.90	5500	865	10.0

11/9/84

JAG
GRS
RAR

0900

GRS/RAR TO SAMPLE SW-29. JAG CALIBRATING FIELD INSTRUMENTATION

CELL CONSTANT CALCULATION:

METER READING = 9025 FOR 1413 STANDARD

CONSTANT = $\frac{1413}{9025}$

= 0.157

0945

GRS TO SW-26, JAG TO SW-27. RAR TO SW-25.

1020

GRS TO SW-28 JAG TESTING IN-SITU PARAMS. RAR PACKING SAMPLES & PREPAR. BLANK SW-23.

1105

JAG TO SW-22/21. RAR TO SW-24. GRS TO SD-3/SD-4/SD-5. HEAVY PETROLEUM ODOR AND SHEEN ON DISTURB. OF SEDIMENT FOR SAMPLING @ SD-5.

3/10

Well sampling / sample #	pH	Cond.	Temp	Depth	GEE	Time	T a for 24 hr Period.
[illegible]	8	180	9	60	45	9:16	20 K
Hanson	7.1	260	9	60-15	180	9:30	200 K
Haven	7.5	260	10			15	36 K
MMS-1	7.6	300	16			1515	0
MM-2	9	200	10			1840	0
PW-6	8.2	250	10			10:50	0

			°C
SW-19	7.2	150	6
SW-20	6.5	156	6
SW-26	6.2	330	1
SW-27	7.2	250	3
SW-28	6	700	1
SW-31	7.4	370	4
SW-29	7.2	900	2
SW-25	6.9	440	6
SW-17	9	30	2
SW-18	6.5	30	2

E-5

G/W samples.

3/19 HNu Background 1.8

	SWL	T Depth.	D.I Layer	Ph	Cond.
RFW-1	9.11	25.3	N.D	7.4	200
"	—	"	—	7.0	220
				7.0	240
				7.0	[illegible]
RFW-2	12.9.5	46'	N D	7.4	180
				7.2	358
				7.0	406
				7.2	430
				7.2	430
RFW 3	14 1.75	31 2"	N D	8	190
				7.8	178
				7.6	138
				7.6	138
				8.1	130
RFW-4	8	25'	N D	7	80
				6.8	90
				6.6	140
				6.8	120
				6.6	110
				6.6	100
				6.6	110
RFW-31	field	Blank			

Temp	Time	Q
10.0	9:00	2 GPM * = De waters
9.0°	9:05	"
9.5	9:35	"
10	9:45	2 bpm
8	1041	1.6 bpm HNu = BKG
8.5	11	
8.5	11.11	
9.0	11.14	
[illegible]	11.17	
10	12.31	1 bpm ± BKG
8	12-45	
8	12.48	
8	1249	
8	1253	
	1 00	samples collected
7	1 22	1 bpm ± BKG - 1.5
7	1 23	Down hole 60 ft
7	128	
8	132	
7.5	133	
7.5	135	
8	137	

E-6

3/19

	SWL	T. Depth	Oil Layer	PH	Cond.	Temp	Time	G	Remarks
RFW-6	5'5'	20'5	ND	6.8	170	7	2:[illegible]	458	HNU - 1.5 BKG
				6	150	6.5	2:17		
				6.2	160	6	2:21		
				6.2	160	6	2:23		sampled 2BL
3/20									
RFW-7	3'7.75"	19.8'	ND	8.1	220	4	9:00	1	HNU 1.2 BKG
				6.8	440	6	9:12		* Dewatering well
				7.2	370	6.5	9:17		
				6.5	350	6	9:20		
				7.2	370	6	9:26		
				7	350	7	9:30		
							9:47		sampled
RFW-8	3'0.5	18'3.5	ND	11	200	8	1108	16PM	HNU 1.5 BKG
				11.2	220	9	11:10		2. Down Hole
				11.2	220	9	11:12		* Dewatered well
							11:20		Sampled
RFW-11				7.6	150	9	2:00		
				7.4	150	9	2:20		
				7	130	8			
				7.2	130	8			

	SWL	T Depth	Oil Layer	PH	Cond.	Temp	Time	Q	Remarks
RFW-9	25'	18.4	NO	7.8	220	5	1:11	Qo.1/	HNU 1.2 BKG
				7.4	250	9	1:31		sampled
3/21									
RFW-10'	26.9	35 1.5	NO	8	140	5	9:56	Qo.1/	HNU 1.2 BKG
				8.4	140	7	1:48		
				8.4	150	7	1:55		
RFW-15'	12' 10.5"	31.11.25"	NO	6.8	80	7	10:38		
				7	70	7	10.42		
				6.7	70	7	10.45		
				6.7	60	7	10.51		sampled Bailed
RFW-12	25' 5"	38' 11 3/4"	NO	6.8	420	9	2:03		HNU 1.0 BKG
				6.7	360	9	2:08		well 7.0 ppm
				6.7	370	9	2:12		
				6.7	360	9	2:19		
RFW-14	12' 10.5"	40±	NO	6.0	40	10	1:02		HNU 1.5 BKG
				6.3	55	8.0	1:05		well BKG
				6.3	50	8.0	1:09		
				6.3	60	8.0	1:14		
RFW-13	23' 2.5"	40' 11.5"	NO	6.6	230	9	1:18		
				7.0	120	9	1:32		
				6	100	8	1:36		
				6	9	16	1:49		

E-8

	SWL									
3/26			Oil/Gas	pH	Cond	Temp		Time	Q	Remarks
RFW-20	32' 6 5/8"	84' 8.15"	N A	7.6	200	11			1 GPM	HNU 1.5
		+ .8		8.2	175	8				1.5 well
				8.6	180	8				
				8.6	160	8				
					160	8		1000		
RFW-22	22' 6.25"	59' 6.5"	N A	6.2	90	9				HNU BKG 1
				5.4	90	9				Down 40'
				6.0	90	10	1			Agitated water
				6.2	90	8.5	2			Sample 158 *
				6.2	80	9	3	1026		sampled
RFW-25	29' 10.5"	49' 5"		6	90	10				BKG HNU 1
				6	80	11				Down Hole 3
				6.6	150	10	1			Agitated 80
				6.6	115	10	2			
				6.5	110	10	3	1113		
RFW-27	22' 1.25"	56' 4"	N O	6.2	150	10	1			BKG HNU .8
				6.4	140	10	2			Down Hole 1.0
				8.6	140	10	3			agitate. 1.4

				pH	Temp	cond	Time	Remarks	
RFW-30	16'4"	26.70'	NO	6.2	9	70		BKG	.6
				6.2	8	60		in well	.8
				7.2	10	140		Agitated	1.2
				7.2	10	140			
				7.2	9	70			
				7.2	8.5	140	1413		
RFW-31	16'8"	27.10'	NO	7.2	8	250		NEW BKG	.6
				7.2	8	340		in well	1.2
				6.8	10	700		agitated	1.0
				6.8	9	600.2	1422		
				6.7	9	600.1			
RFW-29	8'8"	26.70'	NO	7.2	9	340		NEW BKG	.8
				7.6	9	280		in well	2.4
				7.2	9	750		Agitated	1.4
				6.6	9	800			
				6.2	9	710	1926		

3/28

KTest need on
5, 9, 11, 12, 13

Use water Bag to pump well Then
pump water Back in for slug
Test.

436-2200 Towed to Ports Dodge

Back way: 436-1243

RFW-33 SWL 2.7.5 41.6.5

T	h	T	h
0.0	18.3	10	16.6
4.5	18 1.5	15	18.05
1.05	18 1	20	15.10
1.10	12.0.0	30	13 7?
2.00	17.11		
2.00	17 8.5	Water Bag used for	
4.00	17 6.25	Drain down	
5.00	17 4.25		

445

* Need submersible		3055	
Pump well Recovers		at 12.5	40
SWL		305	4.7
RFW-5			
SWL 12 3.75			
unable to pump well Down			
RFW 9 SWL - 3.2			
T	h	326	7.0
22	15.7	344	6 6.5
34	15.1	406	6.0 .5
44	19.5	424	5 8.5
1.00	12.4	440	5.5.5
1.14	12.5	5:11	5.0
126	11.11	556	47.5
157	22.10	754	4 02
200	10	4,28	09
211	2.5	1336	3 6
224	9.1		
242	8.4		
302	7.8		

Well	Static	TD	Oil/Grease	pH	Temp	S/C	Time	Remarks
RFW-25	7' 11.25"	48.6	ND	6.5	7	850		HNU - 1.0 ppm
				6.5	11	1200		Down Hole 1.0 ppm
				6.5	10	1200		Aqui-tal 2.0 ppm
				6.5	10	1200	12:51	sampled
								Bailed
RFW-34	2' 1"	25' 2.25"	ND	7.3	7	1100		HNU - 1.0 ppm
				7.2	7	1200		OH - 3.2
				7.2	7	1200		Aq 34.0
								Bailed dry
RFW-32	2.4'		ND	5	10	900		HNU 1
				5	10	1000		OH 1.2
				5	11	1000		AG 1.4
								Time 1436
								Bail - Dry

~~4/18~~ 4/19 ~~MDS~~		TO	O/C	PM	Cond.	Temp	Time	
REW-18	16'11"	52'1"	NO	6.8	23c	9		11NU 0X4 .2
				7.4	24c	11		Dum Hose .3
				7.4	23c	12		agitator .3
				6.9	23c	7		
				7.0	23c	8		
				7.2	23c	8	1134	
REW-24	MDS		NO				~~1400~~	
~~DUP-24~~								
							1147	
REW-14	11 11.25	~~24 7.5~~	NO	7.0	9c	6	9.54	11NU .0X4 .5
		24 7.5						Dum Hole .5
								agitator .5
REW-16	16'11"	33'2.5"	NO	6.4	25	8	10:08	.4
				6.0	25	6		.6
				5.8	30	6		.4
							10:27	

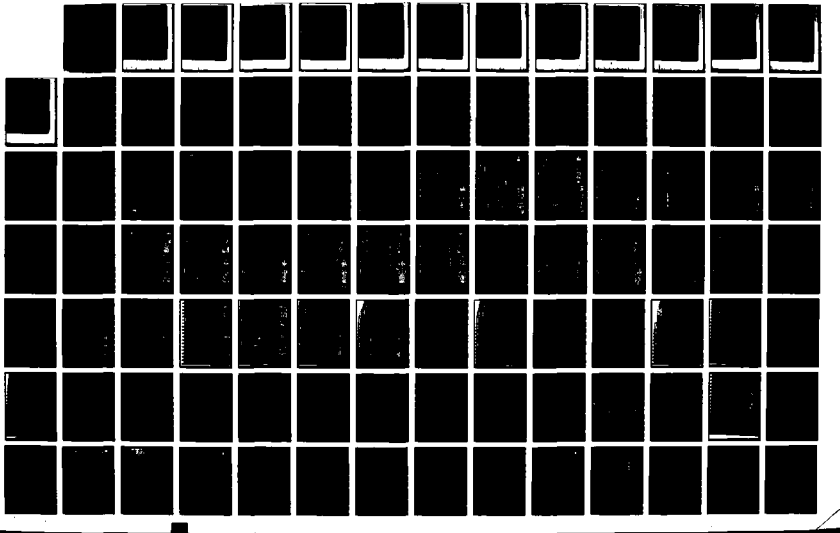
50

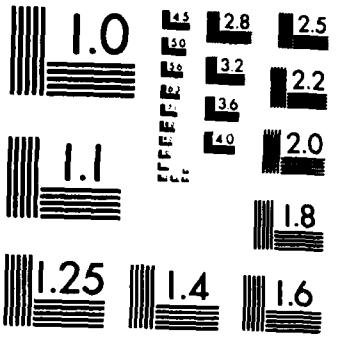
				pH	Cond	Temp	Time	
RFW-24	22' 7.5"	6' 10.5"	ND	8	180	10		.4
				8	190	10		.6
				8	185	9		.0
				7.6	140	10		
				7.9	140	9	1147	
RFW-19	20'-1½"	58'-2½"	ND	6.4	1400	8		.3
				6.2	170	9		.3
				6.4	180	9		.1
				6.4	190	7		.0
				6.4	190	7		
RFW-20	6-11.5'	54.11	ND	5.4	20	5		.5
				5.8	45	7		.3
				5.5	40	7		.3
				6	40	7	1515	

E-14

AD-A184 843 INSTALLATION RESTORATION PROGRAM PHASE 2 CONFIRMATION/QUANTIFICATION STAG..(U) WESTON (ROY F) INC WEST CHESTER PA R L KRAYBILL ET AL. AUG 87 3/10

UNCLASSIFIED F33615-84-D-4400 F/G 24/4 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

4/25	SWL	TD	o/c	pH	Cond.	Temp	Time	
								* Dewatered
RFW-1	12'6"	25.3	NO	7.0	215	9	9.42	* Now OK
				7.0	255	9	9.47	
				7.0	255	9		
							9:48	sampled
RFW-2	16'2.5	41	NO	7.5	240	9	9.17	1.5 bbls.
				7.0	400	12	9.25	Now OK
				7.0	450	10	9.31	
				7.0	450	10	9:36	
				7.0	460	10	9:42	sampled
RFW-3	17'1.25	31'11	NO	7	85	9	10.09	3 bbl
				7.2	105	9	10.11	Now OK
				7.7	110	9	10:15	
				7.6	110	9	10:17	sampled
RFW-4	10'2.25	25	NO	6.2	50	10	10:37	Now OK
				6.8	130	9	10:44	2 bbl
				6.8	130	9	10:50	
				6.7	110	9	10:54	
							11:03	sampled

				pH	Cond
REW-4	13.4'	30	NA	8.	1320
				7.9	1830
				7.1	1720
				7.1	1720
REW-6	6'2"	20.5'	1.0	6.8	1750
				6.4	1690
				6.2	1580
				6.2	1580
REW-7	18.5'11"	19.8'4"	NA	7.	4490
				7.2	4490
				7.1	4430
				7.0	4420
REW-8	5'6.2"	18.35'	N/A	9.2	1081
				9.2	1060
				8.9	1110

Temp	Time	
12	1123	6 filters used
12		
13	1151	1st Dup Eff
14		
10	1303	
8	1337	4 filters
8	1357	
7	1400	
	1411	Sample
12	1449	Dechlorinated
10.5		1st Dup Eff
10	1457	
10	1510	
	1545	Sample
10	1600	Dechlorinated
14		
14	1616	5 filters

	SWL	TD	O/L	P.V.	
4/28					
DEW-2	4,125	124	NO	7.2	310
				7.4	2[illegible]
				7.6	2[illegible]
				7.1	1,[illegible]20
				7.1	1,[illegible]10
DEW-22	1,5.5	1915"	NO	6.6	1,[illegible]00
				6.4	1,800
				6.2	1000
				60	1000
					1000
DEW-24	2625			7.8	1,[illegible]20
				7.4	1400
				7.2	1400
				7.3	1400

Time	Time	Remarks
8	12[illegible]	[illegible] - BKL [illegible]
9	12:13	[illegible] BKL
9	12:[illegible]2	[illegible] BKL
11	10 15	
10	10:00	6.7 [illegible]
18	12:03	[illegible] gal
19		[illegible] S.
10		
10		
20	12'48	
20	1430	[illegible] O/H
20	1431	[illegible]
10	435	
10	434	

E-17

					P#			
	RFW 35	5' 11"		NIL	6.5	130		
					6.5	130		
					6.4	128		
					6.4	128		
					6.5	130		
	5/1							
	RFW-12	26 5.15		TRACE 0.1	7.6	148		
					8.2	144		
					7.8	145		
					8.4	142		
	RFW-13	24 11.25		TRACE	6.9	336		
				oil.	7.0	320		
					6.4	310		
					6.9	300		
					6.8	180		

1		4 [illegible]	
2		4 [illegible]	
9		4 12	
10		4 20	
11		4:30	
12			
10			
10			
10	9.23		
12	9:13		
12			
11	9 47		
11			
11	10:20		

BK 2
P/N BK 1
Agg 145

BK 2
P/N - 4.6
Agg 170
* Agitated sample Taken from o/f Bottle filled ½ wt thereby. Top Removed and monitored with HNu.

HNu BK 2
P/H 1

REW-12	19.7		Trace	7.2	24
			Sheen	7.2	24
				7.0	150
				6.8	160
REW-11	2833.5		NO	6.4	400
			Trace	6.4	450
			Oil on	6.3	450
			Bubbles	6.5	250
REW-14	18.8		NO	5.2	60
				6.2	65
				6.2	65
				6.2	105
REW-15					
	1125		NO	6.8	60
				6.8	90
				6.5	90

	10.25	BKG .2
		D/H BKG
		Agg .4
	10.35	* Dewater well
		BKG .2
	1196	D/H .2
	11.09	Agg .5
		BKG .2
	11.45	D/H
		Agg slight decline
		BKG .2
		D/H .2
	12.21	Agg .2

REW-20	8'-1.5		ND	7.7	220	12	1356	HNP - AKG - 4
				8.0	200	11		D/H OKG
				8.1	370	10		Agg Slight Deflec
				8.6	270	11		
				9.0	250	10	1423	
REW-21	8'-9½"		SEE NEXT PAGE					BKG -.1
								Iw -.3
								HS -

5/2/84

	RICH. WT/TD	pH	micromhos COND
RFW-21	8'9½"	7.0	195
	~37	6.8	145
		6.8	145
		6.5	170
		6.5	160
RFW-22	6'11"	6.8	185
	~35'	6.6	190
		6.6	180
	PUMP BROKE		
		6.6	185
		SAMPLED	
RFW-16		6.2	20
	16-11¼	6.2	40
	10 yds	5.8	40
		SAMPLING	
RFW-7	12-10½	6.7	85
		6.7	80
		6.8	85

TIME	TIME
11	9 39
12	0945
12	0950
1115	0955
11.5	1000
95	1029
90	1039
8.0	1051
DOWN (BAILED REST)	
90	1145
AT 1150	
10.5	13:30
10.0	13:40
9.0	13:50
@	14 05
10.0	14 10
4.0	14 15
9.5	14 25

BKG - .1
D/H - .3
AGG - .1
PUMPING ~ 1 GPM
SAMPLED 10.5
NO OIL

BKG - 0.1
D/H 0.1
AGG - 0.1
Q RATE ~ 1 GPM
NO OIL

BKG .1
IW .1
HS .1
NO OIL

BKG .1
IW .1
HS .2
THICK OIL FILM

5/6/85 U — OVERCAST, SHOWERS

		pH	SC	Temp	Time	BKG	Down	Against
RFW 25	22' 11¾" / 55	7.3	92	9.0	0925	0.1	0.1	0.1
	BAILED	8.0	125	9.0	0938			
		8.2	135	9.0	0946	NO VISIBLE OIL		
		8.4	135	9.0	0950	SAMPLED AT 0950		
RFW-11	FROZEN BLANK —	9.37						
RFW-27	30' 2½" / 45	5.9	80	9.0	1010	0.1	16.0	20.0
	BAILED	6.0	100	9.0	1015	NO VISIBLE OIL		
		7.6	110	10.0	1021			
		7.6	110	9.0	1025	SAMPLED AT 1025		
RFW-16	53' 3" / ~62'	7.9	165	9.0	1030	0.1	0.2	10.0
		7.9	165	9.0	1034	NO VISIBLE OIL		
	BAILED	7.9	160	9.0	1038			
		7.9	160	9.0	1056	SAMPLED AT 1056		
RFW-25	22' 3" / BAILED	5.9	125	7.5	1121	0.1	0.2	25.0
		6.0	105	8.5	1126	NO VISIBLE OIL		
		6.0	105	9.0	1132			
		6.0	105	8.5	1140	SAMPLED AT 1140		

		wt/ft	pH	sc	TC	Time	BKG / Down Hole / Annul.
RFW-24		21'4"	7.4	175	9.0	1224	0.1 / 0.2 / 0.2
		60+	7.4	175	9.0	1225	NO VISIBLE OIL
		BAILED	7.4	175	9.0	1235	
			7.4	175	9.0	1240	SAMPLED 1240
	5/7/85	OVERCAST	SUNNY		RICARD		
RFW-23		11'2"	6.7	145	9.0	0750	0.1 0.1 0.1
		~23	6.7	155	9.0	0805	NO VISIBLE OIL
		BAILED	6.8	155	9.0	0815	SAMPLED 0820
RFW-18		17'4½"	7.0	190	10.0	0941	0.1 0.1 0.1
		~57'	7.0	240	10.0	0945	NO VISIBLE OIL
		BAILED	7.0	235	10.0	0950	NOTE: CAME BACK UP
			7.0	230	10.0	1004	AND MEET REQUIREMENTS
							AT 0 FEET BELOW WATER
					SAMPLED AT	1005	CAVED IN THE WATER
RFW 40		field blank					TAKEN AT 1005
RFW 20		7'9¼"	6.0	30	8.0	1048	0.1 0.2 0.2
		~55'	5.8	30	8.0	1052	NO VISIBLE OIL
			5.8	40	8.0	1055	
			6.0	50	8.0	1100	SAMPLE AT 1110
			5.8	35	8.0	1107	

	WT/Sec	pH	SC	T °C	Time	BKG	Dioxin	Agent
12								95
RFW-19	20'5½"	6.4	105	11.0	1145			
	~52'	5.8	140	10.0	1154	0.1	0.1	0.1
		5.8	150	10.0	1158	NO VISIBLE OIL		
BAILED		6.0	160	11.0	1205	SAMPLED AT 1212		
RFW-29	9'1¼"	6.2	360	12.0	1354			
	26'	6.8	400	10.0	1402	0.2	0.2	1.2
		6.9	750	10.0	1405	NO VISIBLE OIL		
BAILED		6.4	750	10.0	1412	SAMPLED AT 1415		
RFW-30	17'6½"	7.2	90	11.0	1451	0.2	0.3	0.2
	26'	6.4	110	10.0	1453	NO VISIBLE OIL		
BAILED		6.5	115	8.5	1458	DEWATERED AFTER 3 SAL		
		6.5	115	8.5	1507	SAMPLED AT 1507		
RFW-31	10'-6"	5.8	650	10.0	1600	0.1	0.2	0.2
	27'	5.7	650	10.0	1603	NO VISIBLE OIL		
BAILED								

8-6-85 94	pH	mmhos S.C.	T °F	Time	Date Sampled
SW-8	8.9	300	78	1100	8-6-85
SW-9	8.7	235	64	1110	
SW-2	7.0	650	72	1140	
SW-3	7.1	500	72	1130	
SW-7	7.4	500	72	1150	
SW-4	7.5	375	72	1155	
SW-5	7.5	340	70	1205	
SW-6	7.9	330	70	1210	
SW-[illegible]	6.3	440	68	1225	
SW-10	6.2	700	68	1240	
SW-11	6.5	350	72	1245	
SW-12	6.5	345	68	1250	
SW-13	7.4	160	77	1300	
SW-14	7.0	150	78	1315	
SW-15	7.4	160	80	1335	
SW-16	6.4	200	80	1340	
SW-17	6.4	180	(65)*	1400	8-8-85
SW-18	6.6	200	(65)*	1350	
SW-19	7.7	340	(60)*	1120	8-6-85
SW-20	7.6	330	(60)*	1130	
SW-22	8.1	~~1900~~ 1700	(70)*	0948	8-7-85
SW-23	9.9	∅	(72)*	0941	Drying Blank Taken
~~SW-24~~					
SW-25	8.4	1000	(70)*	1000	8-7-85
SW-26	7.6	1120	68	1200	
SW-27	7.6	1900 ~~1130~~	68	1900 1130	

	pH	mMhos S.C.	T °F	Time	Date Sampled
SW-28	8.0	1000	68	1145	8-7-85
SW-29	6.7	1300	(70)	1018	
SW-31	7.3	700	68	1150	
SD-1				1030	8-8-85
SD-2				1050	
SD-3				0930	8-7-85
SD-4				0935	
SD-5				0952	
SD-6				0907	
SD-7				1155	8-8-85
RFW-5	7.6	200	48	1205	8-9-85
RFW-6	7.5	200	52	1350	8-7-85
RFW-7	8.4	390	52	1420	
RFW-8	7.9	135	48	1238	8-9-85
RFW-21	6.5	170	55	1015	8-7-85
RFW-22	8.2	290	50	1540	8-7-85
RFW-23	7.1	330	50	1048	8-9-85
RFW-25	6.0	110	48	1615	8-8-85
RFW-26	8.4	170	48	1130	8-8-85
RFW-27	6.5	220	50	0925	8-9-85
RFW-28	7.4	150	50	1200	8-8-85
RFW-37	7.5	170	50	1340	8-7-85
RFW-38	9.2	∅	60	1000	8-8-85

* SW( )T°F taken at time of pH and cond. readings

	IW	Time
8-7-85		
PW-1	Smith	1000
PW-2	Harrison	0945 Down approx one more mo
PW-3	Havan	0945
PW-4	mms-1	0915
PW-5	mms-2	0925
PW-6	Loomis	0935
PW-7	Blank	0900

8-7-85			
RFW 6	pH	Cond	°F
1548	7.5	179	52
1351	7.4	180	52
RFW 7			
1413	7.8	400	52
1421	8.4	390	52
RFW 22			
1530	8.0	280	50
1536	8.2	290	50
1540	8.2	290	50
8-8-85			
RFW 26			
1030	9.1	180	48
1037	8.8	170	48
1044	8.5	170	48
1050	8.4	170	48
RFW-25			
1555	7.0	110	48
1605	6.4	110	48
1610	5.8	110	48
1615	6.0	110	48

8-9-85		pH	Spec Cond	°F
RFW-27	0916	6.5	220	50
	0920	6.5	220	50
	0925	6.5	220	50
RFW-21	1004	6.0	180	55
	1009	6.3	200	55
	1015	6.5	170	55
RFW-23	1040	7.1	350	50
	1046	7.3	350	50
	1048	7.1	330	50
RFW-5	1156	7.4	200	50
	1200	7.6	200	48
	1205	7.6	200	48
RFW-8	1230	7.8	130	48
	1236	7.9	140	48
	1238	7.9	135	48

8/13/85 G. Smart & R. Ricard

Resampling of power auger work

0930 at Bldg 220 (site 15), Bldg 80, Bldg 15-B-5, 15-B-6, 15-B-7, 15-B-15, 15-B-17, 15-B-18, 15-B-19, 15-B-22, TA-2

8/14/85 G. Smart, R. Ricard, Sgt. C. Sims 0900

Resampling Bldg 244, 229, Jet Eng. Test Cell, & FMS.

15-B-8, 15-B-9, 15-B-10, 15-B-11, 15-B-24 15-A-1, TA-4

APPENDIX F.1

SAMPLING AND QUALITY ASSURANCE PLAN

F.1. INTRODUCTION

Field sampling at Pease Air Force Base will consist of collecting soil samples from test pits and power auger holes, sediment samples, surface water samples, monitoring well samples, and production well samples. Additionally, two abandoned waste solvent tanks will be opened and sampled. Duplicate samples will be collected at all locations and shipped to the WESTON laboratory in Lionville, Pennsylvania and the OEHL laboratory at Brooks AFB, Texas, for analysis. Each sample bottle will be labeled and the following information will be written in indelible ink: Base name, WESTON job number, site designation, Air Force sampling site identifier, Base sample number, analyte and preservatives. All required environmental sample containers will be prepared by WESTON laboratories in accordance with standard USEPA or US Air Force supplied procedures and protocols. Table F-1 lists the type of bottle, preservatives, and analytical protocol to be used for each parameter. Actual sampling procedures used in collecting each type are discussed below.

F.2 SAMPLING METHODS

F.2.1 Test Pits

Test pits will be excavated at four locations (sites 7, 8, 10, and 11) to allow visual examination of the soil horizons and to aid in the delineation of vertical and horizontal migration of contamination. The test pits will be excavated with a backhoe and the soil material will be visually inspected, logged, and a sample will be retained for archival purposes. An Hnu photo-ionization detector will be used to screen samples for contamination by volatile organic compounds. In selected locations, based on results of the visual examination, Hnu readings, and field judement, samples will be collected for laboratory analysis.

The samples will be obtained using a stainless steel trowel. The side of the test pit will be scraped to expose undisturbed soil material, the samples will be placed on a ground sheet cloth, and subsequently transferred to one liter, amber glass jars with teflon-lined, screw-on caps. Immediately after taking the sample, the jars will be placed in ice-filled coolers, pending shipment to the laboratories. Sampling equipment will be decontaminated between samples by washing soil material off with drinking quality water, followed by successive rinses with pesticide-grade methanol and distilled water.

After the samples are collected, all test pits will be filled in and regraded. Wooden stakes will be driven into the ground as temporrary markers and later replaced with permanent galvanized metal rods with copper caps.

TABLE F-1

Parameter	Sample Bottle	Preservative	Analytical Method
Oil & Grease	1 liter amber glass	H_2SO_4 to pH<2	EPA 413.2
Total Organic Carbon	60 ml amber glass w/septum	H_2SO_4 to pH<2	EPA 415.1
Total Organic Halogen	250 ml amber glass w/septum	Cool to 4°C	EPA 9020
Volatile Organic Compounds	40 ml vial w/septum	Cool to 4°C	EPA 601 and 602
Phenol	500 ml amber glass	H_2SO_4 to pH<2	EPA 420.1
Arsenic	1 liter amber polyethylene	HNO_3 to pH<2	EPA 206.2, 206.3
Barium	1 liter polyethylene	HNO_3 to pH<2	EPA 208.2
Cadmium	1 liter polyethylene	HNO_3 to pH<2	EPA 213.2
Copper	1 liter polyethylene	HNO_3 to pH<2	EPA 220.1
Chromium (Total)	1 liter polyethylene	HNO_3 to pH<2	EPA 218.1
Iron (Total)	1 liter polyethylene	HNO_3 to pH<2	EPA 236.1
Lead	1 liter polyethylene	HNO_3 to pH<2	EPA 239.2
Mercury	1 liter polyethylene	HNO_3 to pH<2	EPA 245.1, 245.5
Nickel	1 liter polyethylene	HNO_3 to pH<2	EPA 249.1
Selenium	1 liter polyethylene	HNO_3 to pH<2	EPA 270.3
Silver	1 liter polyethylene	HNO_3 to pH<2	EPA 272.2
Zinc	1 liter polyethylene	HNO_3 to pH<2	EPA 289.1
Pesticides & Herbicides	1 liter amber glass	Cool to 4°C	Standard Methods 509A & 509B
Cyanide	500 ml polyethylene	N_aOH to pH>12	Standard Method 412

F.2.2 Power Auger Borings

Shallow borings will be installed at three sites (sites 10, 14, 15) using a Little Beaver Power Auger, with four-inch diameter auger flights. Soil cuttings will be visually examined and the borehole will be monitored for the presence of volatile organic compounds during the drilling operation. Soil samples will be retained for archival purposes and logs will be kept of the soil profile in all borings. Based upon the results of visual examinations and Hnu readings, soil samples will be taken from selected borings for laboratory analysis.

Soil samples will be taken with a soil test hand bucket auger, placed on a ground sheet, and subsequently transferred to the appropriate sample jars. Immediately after the sample jars are filled, they will be placed in ice-filled coolers prior to shipment to the laboratories. All sampling equipment will be decontaminated between samples by removing loose soil with drinking quality water, followed by subsequent rinses with pesticide-grade methanol and distilled water.

Following completion of the sampling, all cuttings will be returned to the borings (except where piezometers are installed and the location will be marked with a wooden stake until a permanent galvanized steel and copper marker can be placed.

F.2.3 Sediment Sampling

Sediment samples will be collected at six locations specified in the work order and located in the field by WESTON and OEHL personnel. Each sample will be collected using a stainless steel trowel. The samples will be placed on ground sheets and subsequently transferred to the proper sample bottle. The sample bottles will then be placed in ice-filled coolers pending shipment to the laboratories.

All sampling equipment will be decontaminated between samples by flushing with drinking quality water, and successive rinses with pesticide-grade methanol and distilled water.

The sampling locations will be permanently marked with galvanized steel pipes with copper caps.

F.2.4 Surface Water Sampling

Surface water samples will be collected at 29 locations at PAFB, on two occasions, for laboratory analysis for the parameters listed in Table F-2. The samples will be collected by immersing the appropriate sample jar in the water and rinsing it, then filling it with the required amount. Preservatives, where required, will be added in the field, and all sample bottles will

TABLE F-2

ANALYTICAL PROTOCOL FOR PHASE II, STAGE I SITES

Zone	Site	Sample Type and Number (1)	Analytes
--	8	6 soil	TOX, O&G
		13 groundwater	TOX, TOC, O&G
1	13	9 groundwater	TOX, TOC, O&G
		2 surface water	TOX, TOC, O&G
1	Sites 2,3,4,65	11 groundwater	TOX, TOC, O&G, CN, pesticides, phenol, metals
		15 surface water	TOX, TOC, O&G, CN, pesticides, phenols, metals
2	7	3 soil	TOX, O&G
		2 groundwater	TOX, TOC, O&G
2	1	6 groundwater	TOX, TOC, O&G, CN, pesticides, phenols, metals
		9 surface water	TOX, TOC, O&G, CN, pesticides, phenols, metal
3	15	17 soil	TOX, O&G, phenol, metal, VOA
		16 groundwater	TOX, TOC, O&G, phenol, metal, VOA
		2 tank	TOX, TOC, O&G, VOA
4	Sites 19,20,21	7 sediment	TOX, O&G, metals
		13 surface water	TOX, TOC, O&G, metals
4	Production Wells	13 groundwater	TOX, TOC, O&G, metals, VOA
--	12	3 sediment	TOX, O&G
		4 surface water	TOX, TOC, O&G
		2 groundwater (abandoned production wells)	TOX, TOC, O&G
--	9	7 surface water	TOX, O&G
		5 groundwater	TOX, O&G
5	Sites 6 & 17	8 groundwater	TOX, TOC, O&G, phenols, metals
		13 surface water	TOX, TOC, O&G, phenols, metals
--	10	6 soil	O&G, lead
		7 groundwater	O&G, lead
6	11	4 soil	TOX, O&G
		2 groundwater	TOX, TOC, O&G
6	14	3 soil	O&G
		3 groundwater	O&G

(1) Includes QA/QC Samples

— Considered individually

TOX - Total Organic Halogens
O&G - Oil and Grease
TOC - Total Organic Carbon
VOC - Volatile Organic Compounds

be placed in ice-filled coolers immediately after collection. In situ readings of temperature, pH and specific conductance will also be taken at the time of sampling. Equipment used to take the in situ measurements will be decontaminated between sites by rinsing with pesticide-grade methanol and distilled water.

F.2.5. Monitoring Well Sampling

Thirty-five monitoring wells were installed at PAFB as part of the IRP Phase II study. Groundwater samples will be collected from each well, on two separate occasions, for laboratory analysis for the parameters listed in Table F-2. The field procedures used for monitoring well purging and sample collection are as follows:

1. A clear plexiglass bailer will be used to obtain a sample of groundwater from just below the water-table surface for visual examination for floating hydrocarbons and laboratory analysis for oil and grease.

2. The depth to water and the total depth of the well from the reference point will be measured and recorded, and the volume of water in the well will be computed. Measurements will be made using either an electric drop line or a surveyors tape with a "popper" attached to the end.

3. The well will be purged of water either by pumping with a Johnson-Keck SP-81 stainless steel submersible sampling pump and teflon tubing, or with a bottom-fill teflon bailer and nylon line.

4. During the purging operation, grab samples will be collected to allow measurements of pH, specific conductance, and temperature. At least three readings will be taken at each well, as it is being pumped.

5. An Hnu PI-101 photo-ionization detector will be used at each well to monitor in situ air quality for the presence of volatile organic compounds. Records will be kept of background quality, as well as readings at the well head and from a sampling jar containing an agitated water sample.

6. At least three times the calculated volume of standing water will be pumped or bailed from each well prior to collection of samples (except for the oil and grease sample described above).

7. Samples will be bailed from the well using a four-foot long, bottom-fill, teflon bailer with nylon cord. The used cord will be replaced at each well prior to taking the sample.

8. All samples taken for metals analysis will be field-filtered through Gelman 45 Micron Acropor ion exchange filters prior to adding any preservatives.

9. Grab samples will be collected for measuring pH, temperature and specific conductance.

10. Required preservatives will be added to the samples in the field and all sample containers will be placed in ice-filled coolers for shipment to the laboratories.

11. All sampling equipment will be decontaminated between wells with pesticide-grade methanol and distilled water. The teflon tubing used in purging the wells will be dedicated to each well.

12. The protective security caps will be closed and locked.

F.2.6 Base Drinking Water Wells

The six active production wells on base will be sampled on two occasions. The samples will be collected by WESTON personnel with the assistance of Base civil engineering personnel. The samples will be taken from faucets at the well head prior to chlorination. In all cases, the wells will be actively on line or will be pumped for ten minutes, prior to sampling. The sample containers will be placed in ice-filled coolers immediately after they are filled. Grab samples will also be collected for measuring pH, temperature, and specific conductance.

F.2.7 Tank Sampling

Two abandoned waste solvant tanks will be sampled by WESTON personnel, one located adjacent to building 244 and one adjacent to building 113. The former contains approximately four and one-half feet of liquid and will be sampled with a foot long, bottom-fill teflon bailer, and nylon cord. The latter is partially filled with sand, so a solid sample will be taken with a soil test hand bucket auger and put into the appropriate sample containers. An Hnu photo-ionization detector will be used to monitor air quality in and around the tanks. The sample containers will be placed in ice-filled coolers immediately after they are taken, pending shipment to the laboratories.

F.2.8 Archival Samples

During the drilling of the monitoring wells soil samples will be collected at five foot intervals for geologic logging of the strata. A two-foot long split-spoon sampler will be advanced using standard penetration techniques (ASTM Method 1586) and representative samples will be taken, placed in wide mouth, glass jars with screw-on caps, and retained at WESTON'S Concord, New Hampshire office for archival purposes. The following information will be written on the cap of each jar:

Base Name
Job Number
Well Number
Depth of Sample
Blow Counts
Date of Sample

During the excavation of the test pits, samples of the soil material were placed in wide-mouth canning jars with screw-on caps and retained at WESTON'S Concord, New Hampshire office for archival purposes. Each jar will be labeled with the following information:

Base Name
Job Number
Test Pit Number
Depth of Sample
Date of Sample

F.3 DOCUMENTATION OF SAMPLING

A record of all sampling activities at Pease Air Force Base will be kept by WESTON field personnel. All notes, field instrument readings, site numbers, dates, times, names of field personnel, and other pertinent data will be written in hardcover, bound, field log books. A copy of Air Force form number 2752 will be completed for each sample and accompany the sample to the OEHL Laboratory at Brooks AFB, Texas. Sampling site identifier and Base sample numbers will be assigned for each sample by the Base bioenvironmental engineer. A photocopy of each completed form will be retained in the WESTON project file.

WESTON chain-of-custody forms will be filled out and accompany each shipment of samples to the laboratories. Copies will be retained in the WESTON project file. Copies of all completed forms are found in Appendix F of this report.

Since they document the history of samples, chain-of-custody procedures are a crucial part of a sampling/analysis program. Chain-of-custody documentation enables identification and tracking of a sample from collection to analysis to reporting.

WESTON's chain-of-custody program necessitates the use of EPA-approved sample labels, secure custody, and attendant recordkeeping. In essence, WESTON considers a sample in custody if it: is in a WESTON employee's physical possession; it is in view of that WESTON employee; is secured by that WESTON employee to prevent tampering; or is secured by that WESTON employee in an area that is restricted to authorized personnel.

Permanent markers were placed at all surface water, sediment, test pit, and power auger sampling locations. The markers consist of galvanized steel pipes with copper caps. The type of sample collected and the sample site number are indicated by numbers stamped into the copper cap.

F.4 QUALITY ASSURANCE PLAN

WESTON Analytical Services enforces a rigid QA/QC program toward maintenance of validity and reliability of all analytical data. The Laboratory QA/QC Manual (Table of Contents thereof is Attachment No. 1 to this appendix) outlines the specifics of the QA/QC plan. This plan is patterned after the EPA Handbook for Analytical Quality Control in Water and Wastewater Laboratories (EPA-600/4-79-019, March 1979), augmented by general applicable experience and interaction with the QA/QC plan of the U.S. Army Toxic and Hazardous Material Agency (USATHAMA). All methods and procedures followed by WESTON are either USEPA or ASTM-approved. Any variations from such procedures, regardless of cause, are documented by the responsible analyst(s) and are documentable, and, literature-traceable. A general review of this QA/QC plan is in the following paragraphs.

Although specific QA/QC measures for each method are designated in WESTON's Laboratory Quality Assurance Manual (see outline in Attachment 1), the general QA/QC program normally includes:

- EPA-acceptable sample preparation and analytical methods.
- Instrument calibration via use of Standard Analytical Reference Materials (SARMS).
- Regular equipment maintenance and servicing.
- Use of SARMS and QA/QC samples (spikes, laboratory blanks, replicates, and splits) to ascertain overall precision.
- Statistical evaluation of data to delineate acceptable limits.
- Documentation of system/operator performance.
- Suitable chain-of-custody procedures.
- Maintenance and archiving of all records, charts, and logs generated in the above.
- Proper reporting.

Acceptable analyses at WESTON's Analytical Laboratory Services include, but are not limited to, the above.

F.4.1 Container Preparation

Another consideration in this, or any, analytical project is that of sample container prepartion. Accordingly, all appropriate sample bottles shall be cleaned in a manner mandated by the USEPA to insure maximal cleanliness (and minimal contamination) before the containers go to the field. Sufficient bottles to accommodate both laboratory and field blank requirements will be prepared in a single batch mode for each sampling requirement.

F.4.2 Verification/Validation

In the laboratory, the analytical scheme begins with initial verification, which is comprised of:

- Lab Blanks - To insure that no background level of specific analytes is introduced by laboratory procedures.
- Standard Analytical Reference Materials (SARMS) - To determine the accuracy and precision of procedures.
- Spikes - To determine the percent recovery of analyte(s).

The laboratory QA/QC program extended to the field includes a fifth item:

- Field Blanks - To provide a check on contamination of containers and/or preservatives and to establish "practical" detection limits.

WESTON has used all of the above in this project. All data resulting from these verfication media have been archived for future reference, retrieval, or processing.

F.4.3 Data Handling - Laboratory

Use of any analytical data should be preceded by an assessment of its quality. The assessment should be based on accuracy, precision, completeness, representativeness, and comparability. These criteria are, in turn, assessed as follows:

- Accuracy - Is it acceptable for the planned use? QA/QC shall measure the accuracy of all data.

- Precision - Is it acceptable for the palnned use? QA/QC shall reflect the reproducibility of the measurements.

- Completeness - Are the data sufficient for the planned use? QA/QC shall identify the quantity of data needed to match the goals.

- Representatives - Do the data accurately reflect actual site conditions, sampling procedures, and analytical method? QA/QCshall ensure this.

- Comparability - Is the report self-consistent in format, units, and standardization of methods used to generate it? QA/QC shall ensure this.

The Laboratory Supervisor and the Laboratory QA/QC Officer are responsible for the evaluation of the above criteria and for enforcement of analytical protocols that will necessarily lead to acceptable data quality. The signature of the Supervisor and QA/QC Officer accompany each laboratory analytical report and serve to ensure the overall validity of the reported data.

F.4.5 Sample Plan/Log

Normal protocol demands client-and/or site-specific logging of all sample batches delivered to WESTON. Basic information--such as client name, address, etc.; client phone number; reporting/invoicing instructions; site descriptions; and parameter-specifications and total requirements-- is initiated here. Additionally, sample storage/disposal instructions as well as turnaround requirements and sample collection requirements are addressed at this point.

The appropriate number of method blanks is also logged at this point, and in-house chain-of-custody documentation is initiated here.

F.4.6 QA/QC Officer

Toward maintenance of a rigid, credible QA/QC regimen, WESTON Analytical Services maintains a full-time, in-house QA/QC officer who retains independent authority to declare out-of-control situations, thereby precluding reporting of unacceptable data. The QA/QC officer has been available, as needed, on the project.

APPENDIX F.2

ANALYTICAL METHODS AND REQUIRED DETECTION LIMITS

APPENDIX F
ANALYTICAL METHODS AND REQUIRED DETECTION LIMITS

Analyte	Level of Detection Required	Method
Total Organic Carbon (TOC)	1 mg/l	EPA 415.1
Total Organic Halogens (TOX)	5 ug/l (water); 5 ug/g (soils)	EPA 9020
Oil & Grease (O&G)	0.1 mg/l (water); 100 ug/g (soils)	EPA 413.2
Purgeable Organics (VOC)	a	EPA 601 & 602
Cyanide	.01 mg/l (water); .002 mg/g (soils)	STD 412
EP Toxicity	b	EPA 7310
Ignitibility	c	EPA 1010
Phenol	.001 mg/l	EPA 420.1
Arsenic	.01 mg/l	EPA 206.2 or 206.3
Barium	.02 mg/l	EPA 208.2
Cadmium	.01 mg/l (water); 0.2 ug/g (soils)	EPA 213.2
Copper	.02 mg/l (water); 0.4 ug/g (soils)	EPA 220.1
Chromium	.05 mg/l (water); 5 ug/g (soils)	EPA 218.1
Iron total	.1 mg/l	EPA 236.1
Lead	.02 mg/l (water); 2 ug/g (soils)	EPA 239.2
Mercury	.001 mg/l (water); .1 ug/l (soils)	EPA 245.1 (water) and 245.5 (soils)
Nickel	.1 mg/l	EPA 249.1
Selenium	.01 mg/l	EPA 270.3
Silver	.01 mg/l	EPA 272.2
Specific Conductance	.001 mg/l	EPA 120.1
Zinc	.05 mg/l	EPA 289.1
Aldrin	.02 ug/l	STD 509A
DDT isomer	.02 ug/l	STD 509A
Dieldrin	.02 ug/l	STD 509A
Endrin	.02 ug/l	STD 509A
Heptachlor	.02 ug/l	STD 509A
Heptachlor epoxide	.02 ug/l	STD 509A
Lindane	.01 ug/l	STD 509A
Methoxychlor	.20 ug/l	STD 509A
Diazinon	.02 ug/l	STD 509A
Malathion	.10 ug/l	STD 509A
Parathion	.02 ug/l	STD 509A
Toxaphene	1.0 ug/l	STD 509A
2,4-D[f]	.06 ug/l	STD 509B

APPENDIX F
(Cont.)

ANALYTICAL METHODS AND REQUIRED DETECTION LIMITS

Analyte	Level of Detection Required	Method
2,4,5-T	.06 ug/l	STD 509B
2,4,5-TP (silvex)[f]	.06 ug/l	STD 509B

a - Detection limits for Purgeable Organics as stated in EPA Methods 601-602

b -

Metal	ug/L of Solution
As	10
Ba	200
Cd	10
Cr	50
Pb	20
Hg	1
Se	10
Ag	10

c - Find if sample is ignitable at 140 degrees Fahrenheit or below.

APPENDIX G

WESTON CHAIN-OF-CUSTODY FORMS

WESTON
033

Custody Transfer Record/Lab Work Request

Received By _____ Client _____ RFW Contact _____
Date _____ Client Contact _____ Date Due _____
Assigned to _____ Phone _____ Project Number _____

8601-523-

SAMPLE IDENTIFICATION | ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative								
0011	RFW-12					TOX	TOC					
0022	RFW-12											
0033	RFW-12											
0044	RFW-3											

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time

RFW 16-23-001/A-2/85

G-1

RECEIVED
JAN 30 1986
ROY F. WESTON, INC
CONCORD OFFICE

WESTON

Custody Transfer Record/Lab Work Request

Received By _____ Client _____ RFW Contact _____

Date _____ Client Contact _____ Date Due _____

Assigned to _____ Phone _____ Project Number _____

RECEIVED
JAN 23 1986
ROY F. WESTON, INC.
CONCORD OFFICE

1 2 3

G-2

SAMPLE IDENTIFICATION					ANALYSES REQUESTED							
Sample No.	Client ID No.	Description	Date Collected	Container/Preservative								
PW-1,3-1	0628-04-				L							

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Analysis	[illegible]	[illegible]	1/2/86	850					

Custody Transfer Record/Lab Work Request

Received By _____ Client _____ RFW Contact _____

Date _____ Client Contact _____ Date Due _____

Assigned to _____ Phone _____ Project Number _____

SAMPLE IDENTIFICATION **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative								

SPECIAL INSTRUCTIONS: _____

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time

RFW 16-23-001/A-2/85

G-3

RECEIVED
JAN 06 1986
ROY F. WESTON, INC.
CONCORD OFFICE

RECEIVED
DEC 23 1985
ROY F. WESTON, INC.
CONCORD OFFICE

WESTON

Custody Transfer Record/Lab Work Request

Received By _____ Client PEASE AFB RFW Contact _____
Date _____ Client Contact _____ Date Due _____
Assigned to _____ Phone _____ Project Number _____

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	SAMPLE IDENTIFICATION						ANALYSES REQUESTED	
SW-13	001C											
SW-14	2C											
SW-15	3C											
SW-16	4C											
SW-24	37C											
SW-25												
SW-23	7C											
SW-30	8C											
15 B 3	9C											
15 B 4	10C											
SW-25	6C											
SW-23	70											

SPECIAL INSTRUCTIONS: [illegible]

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
[illegible]	[illegible]	[illegible]	[illegible]						

RFW 16-23-001/A-2/85

WESTON

Custody Transfer Record/Lab Work Request

Received By _____ Client _____ RFW Contact G. SMART

Date 11/ Client Contact _____ Date Due _____

Assigned to _____ Phone _____ Project Number _____

SAMPLE IDENTIFICATION **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative								
		VOA's TO CALIFORNIA										

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time

WESTON

030

Custody Transfer Record/Lab Work Request

Received By VK Dandino
Date 9/6/85
Assigned to

Client USAF - Pago
Client Contact Lt. McCoy
Phone 603-430-2208

RFW Contact G. Smart
Date Due 9/5/85 9/27/85
Project Number 0628-01-05

B09-93-

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	CN	Part/Total	VOA					
0010	PW-1	Smith GP 85-0348	9/5/85	soil containers			✓					
—	~~PW-2~~	- Not on list —	—	—	—	—	—	—	—	—	—	—
20	PW-3	Haven GP 85-0350					✓					
30	PW-4	mms-1 GP-85-0351					✓					
40	PW-5	mms-2 GP-85-0352					✓					
50	PW-6	loomis GP-85-0353					✓					
60	RFW-5	GN-85-0346			✓	✓						
70	RFW-22	GN-85-0347				✓	✓					
80	SW-4	GN-85-0336			✓							
90	SW-6	GN-85-0337			✓							
100	SW-7	GN-85-0338			✓	✓						
110	SW-8	GN85-0334			✓							
120	SW-9	GN-85-0340			✓							
130	SW-13	GN-85-0341			✓							
140	SW-14	GN-85-0342			✓							
150	SW-15	GN-85-0343			✓							
160	SW-16	GN-85-0344			✓							
170	SW-32	GN-85-0345			✓							

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	G. Smart	ISHERY	9/5/85	1600	CN	VK Dandino	B. Beach	9/6/85	1430
1 Cooler	ISHERY	VK Dandino	9/6/85	1030					
Bottles	VK Dandino	Robert Lee	9/6/85	0830					
VOA	VK Dandino	Stephen Twyman	9/6/85	0855					
VOA	Blythe O. Wilson	VK Dandino	9/6/85	1205					

WESTON
029

Custody Transfer Record/Lab Work Request

Received By V.C. Dondero
Date 8/15/85
Assigned to

Client USAF PEASE
Client Contact Lt. McCoy
Phone 603-430-2208

RFW Contact G. Swyst
Date Due 9/5/85
Project Number 0628-09-05

8508-844-

SAMPLE IDENTIFICATION | **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	[illegible]	Phenols	VOA			
0010	GS-85-0313	15-B-5	8-13-85	Amber glass	✓							
20	GS-85-0314	15-B-6			✓							
30	GS-85-0315	15-B-7			✓							
40	GS-85-0316	15-B-15			✓		✓	✓				
50	GS-85-0317	15-B-17			✓		✓	✓				
60	GS-85-0318	15-B-18			✓		✓	✓				
70	GS-85-0319	15-B-19			✓		✓	✓				
80	GS-85-0320	15-B-22			✓		✓	✓				
90	GS-85-0321	TA-2				✓						
100	GS-85-0322	15-B-8	8-14-85	Amber glass	✓							
110	GS-85-0323	15-B-9			✓							
120	GS-85-0324	15-B-16			✓							
130	GS-85-0325	15-B-11			✓		✓	✓				
140	GS-85-0326	15-B-24			✓		✓	✓				
150	GS-85-0327	15-B-1			✓		✓	✓	✓			
160	GW-85-0328	TA-1		[illegible] TOC		✓						

SPECIAL INSTRUCTIONS: As, Ba, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Se, Ag, Zn

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	Glenn Robinson	[illegible]	8/14/85	1700	TOC-060	V.C. Dondero	[illegible]	8/15/85	1520
1 Cooler	BHERT	[illegible]	8/15/85	1150	TOX	V.C. Dondero	SKR	8/15/85	1520
Phen	V.C. Dondero	[illegible]	8/16/85	5:00	Hg	V.C. Dondero	[illegible]	9/5/85	0900
Metals	V.C. Dondero	[illegible]	8/21/85	1030					
Metals	[illegible]	V.C. Dondero	8/22/85	1115					

WESTON 028

Custody Transfer Record/Lab Work Request

Received By VC Dandurand
Date 8/13/85
Assigned to

Client USAF Pease
Client Contact Lt. McCarg
Phone

RFW Contact Glenn Smart
Date Due 9/3/85
Project Number 0628-09-05

8508-826-

SAMPLE IDENTIFICATION / **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	CN	Part Phen	Phen	Metals	VOA
RFW-38	0010	GN-85-0305	8-8-85	See container	✓	✓	✓	✓	✓	✓	[redacted]	✓
SW-17	20	GN-85-0274					✓					
SW-18	30	GN-85-0275					✓					
SW-19	40	GN-85-0276					✓					
SW-20	50	GN-85-0277					✓				[redacted]	
SD-1	60	GN-85-0306									✓	
SD-2	70	GN-85-0307									✓	
~~SD-3~~	~~80~~	~~GN-85-0308~~ dup									[redacted]	
RFW 26	80	GN-85-0301									Pb only	
RFW-27	90	GN-85-0303					✓					
RFW-25	100	GN-85-0300	✓	✓							Pb only	

SPECIAL INSTRUCTIONS: As, Ba, Cd, Cr, Cu, Fe, Pb, Ni, Hg, Se, Ag, Zn

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	G Smart		8/8	1833	OG	VC Dandurand	[illegible]	8/9/85	1140
Lot/Cust	VC Dandurand	[illegible]	8/13/85	1845	VOA	VC Dandurand	[illegible]	8/14/85	0935
Ship	VC Dandurand		8/13/85	0915	Hg	VC Dandurand	[illegible]	8/14/85	1445
mr lab	VC Dandurand	[illegible]	8/13/85	0915					
mr lab	[illegible]	VC Dandurand	8/13/85	1500					

WESTON

Custody Transfer Record/Lab Work Request

Received By M. Dindal
Date 8/12/85
Assigned to

Client USAF Kaase
Client Contact Lt. McCoy
Phone

RFW Contact J. Pinta / H. Smart
Date Due 9/3/85
Project Number 0628-09-05

8608-826-

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	Pb	VOA	Geo Chem				
RFW27	0110	GW-85-0302	8/9/85		✓						
RFW21	120	GW-85-0297				✓					
RFW23	130	GW-85-0299				✓					
RFW5	140	GW-85-0293					✓				
RFW8	150	GW-85-0296					✓				

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Sent Out	M. Dindal	Federal Express	8/13/85	0845					
TCC	M. Dindal	[illegible]	8/14/85	1000					
storage	[illegible]	M. Dindal	8/16/85	925					

WESTON

Custody Transfer Record/Lab Work Request

Received By V.L. Darden
Date 8/9/85
Assigned to

Client USAF Reserve
Client Contact Lt. McCoy
Phone

RFW Contact Glenn Smart
Date Due
Project Number 0628-09-05

GSDB-824-

SAMPLE IDENTIFICATION | **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	Pest/Herb	VOA	Metals					
RFW-7	0010	GN-85-0295	8-7-85	see container	✓							
RFW-22	920	GN-85-0298	↓	↓		✓	✓	- no sample pest				
SD-7	730	GN-85-0312	↓	↓			✓					
[redacted]	[redacted]	[redacted]				[redacted]						

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	G Smart		8/9	1730					
Pest/Herb	V.L. Darden	Julie Tyler	8/13/85	0845					

WESTON

027

Custody Transfer Record/Lab Work Request

Received By W.C. Dondero
Date 8/9/85
Assigned to

Client USAF Base
Client Contact Lt. McCoy
Phone

RFW Contact Glenn Smart
Date Due 8/31/85
Project Number 0628-09-05

8608-824-

SAMPLE IDENTIFICATION | **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	VOA	O&G	Metals	P/H				
Smith PW-1	0010	GP-85-0286	8-7-85	See container	✓							
Havan PW3	20	GP-85-0287			✓							
mms-1 PW4	30	GP-85-0288			✓							
mms-2PW5	40	GP-85-0289			✓							
Loomis1PW6	50	GP-85-0290			✓							
Loomis2PW7	60	GP-85-0291			✓							
SW-22	70	GW-85-0278				✓						
SW-23	80	GW-85-0279				✓						
SW-25	90	GW-85-0280				✓						
SW-26	100	GW-85-0281				✓						
SW-27	110	GW-85-0282				✓						
SW-28	120	GW-85-0283				✓						
SW-29	130	GW-85-0284				✓						
SW-31	140	GW-85-0285				✓						
SD-3	150	GS-85-0308				✓	✓					
SD-4	160	GS-85-0309					✓					
SD-5	170	GS-85-0310					✓					
SD-6	180	GS-85-0311					✓					
RFW-3	190	GW-85-0304	✓	✓		✓						
RFW-6	200	GW-85-0294						✓				

SPECIAL INSTRUCTIONS: As, Ba, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Se, Ag, Zn - total

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	Glenn Smart		8/9	1730	VOA Std				
	W.C. Dondero	Robert Ayer	8/13/85	1845					
metals	W.C. Dondero	Lynn Fox	8/13/85	0900					
metals	Lynn Fox	W.C. Dondero	8/13/85	1400					
VOA	W.C. Dondero	Steve Watson	8/15/85	0935					

WESTON
026

Custody Transfer Record/Lab Work Request

Received By W. Dindero
Date 8/8/85
Assigned to _____

Client Base AFB
Client Contact _____
Phone _____

RFW Contact J. Porter
Date Due 8/29/85
Project Number 028-09-09

8508-818-

SAMPLE IDENTIFICATION / **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	Phen	Metal	P/H	VOA	CN
SW-8	0010	GN-85-0265	8-6-85	see container			✓					✓
SW-9	20	GN-85-0266					✓	✓				✓
SW-2	30	GN-85-0259					✓			✓		✓
SW-3	40	GN-85-0260					✓			✓		✓
SW-7	50	GN-85-0264					✓			✓		✓
SW-4	60	GN-85-0261					✓			✓		✓
SW-5	70	GN-85-0262					✓			✓		✓
SW-6	80	GN-85-0263								✓		✓
SW-1	90	GN-85-0258					✓					
SW-10	100	GN-85-0267			✓		✓					
SW-11	110	GN-85-0268					✓					
SW-12	120	GN-85-0269					✓					
SW-13	130	GN-85-0270					✓			✓		
SW-14	140	GN-85-0271					✓			✓		
SW-15	150	GN-85-0272					✓			✓		
SW-16	160	GN-85-0273					✓			✓		

G-12

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Pkb	W. Dindero	M. Hawkins	8/8/85	8:00	Chem	W. Dindero		8/13/85	09:15
CN	W. Dindero	J. Peterson	8/9/85	10:25					
O/G	W. Dindero	Lynn Lorenz	8/12/85	09:40					
Pest/Herb	W. Dindero	Mike Tasa	8/12/85	10:30					
TOX	W. Dindero	Sean O'Connell	8/12/85	13:40					

Custody Transfer Record/Lab Work Request

WESTON

Received By _____
Date _____
Assigned to _____

Client USAF Peace
Client Contact Lt. McCoy
Phone _____

RFW Contact Glenn Smart
Date Due _____
Project Number 0628-09-05

SAMPLE IDENTIFICATION / **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	VOA	O&G	Metals					
Smith PW-1		GP-85-0286	8-7-85	See container	✓							
Havan PW-3		GP-85-0287			✓							
mms-1 PW4		GP-85-0288			✓							
mms-2 PW5		GP-85-0289			✓							
Loomis PW6		GP-85-0290			✓							
Loomis 2 PW7		GP-85-0291			✓							
SW-22		GN-85-0278				✓						
SW-23		GN-85-0279				✓						
SW-25		GN-85-0280				✓						
SW-26		GN-85-0281				✓						
SW-27		GN-85-0282				✓						
SW-28		GN-85-0283				✓						
SW-29		GN-85-0284				✓						
SW-31		GN-85-0285				✓						
SD-3		GS-85-0308				✓	✓					
SD-4		GS-85-0309					✓					
SD-5		GS-85-0310					✓					
SD-6		GS-85-0311					✓					
RFW-3		GN-85-0304										
RFW-6		GN-85-0294										

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	G Smart		8/7	1730					

WESTON

Custody Transfer Record/Lab Work Request

Received By _____ Client USAF Reserve RFW Contact Glenn Smart

Date _____ Client Contact Lt. McCoy Date Due _____

Assigned to _____ Phone _____ Project Number 0628-09-05

SAMPLE IDENTIFICATION **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	Pest/Herb	VOA	metals					
RFW-7		GN-85-0285	8-7-85	See container	✓							
RFW-22		GN-85-0298	↓	↓		✓						
SD-7		GN-85-0312	↓	↓			✓					

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	M Smart		8/7	1730					

WESTON
035

Custody Transfer Record/Lab Work Request

Received By V. K. Darling
Date 5/9/85
Assigned to

Client USAF - PEASE
Client Contact LT. McCoy
Phone 603-430-2208

RFW Contact G. SMART
Date Due 5/25/85
Project Number 0021-09-05

805-492-

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	PHEN.	METALS	CN	Hot Pest	VOA
0010	GW-85-0181	RFW 18, 0157-NA-076	5/7/85	SEE BOTTLES	✓	✓	✓	✓	✓			✓
20	GW-85-0182	RFW 40, 0157-NA-076	"	"	✓	✓	✓	✓	✓			✓
30	GW-85-0183	RFW 19, 0157-NA-077	"	"	✓	✓	✓	✓	✓			✓
40	GW-85-0184	RFW 20, 0157-NA-078	"	"	✓	✓	✓	✓	✓			✓
50	GW-85-0187	RFW 23, 0157-NA-081	"	"	✓	✓	✓	✓	✓			✓
60	GW-85-0194	RFW 29, 0157-NA-087	"	"	✓	✓	✓	✓	✓	✓	✓	
70	GW-85-0195	RFW 30, 0157-NA-088	"	"	✓	✓	✓	✓	✓	✓	✓	
80	GW-85-0196	RFW 31, 0157-NA-089	"	"	✓	✓	✓	✓	✓	✓	✓	

SPECIAL INSTRUCTIONS: RFW-31 ON bottled leaked - no sample left

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Pest	Victoria Darling	Sherry K. Lewando	5/10/85	1015	Hot Pest	Victoria Darling	M. Hawkins	5/10/85	840
Metals	Victoria Darling	Sherry K. Lewando	5/10/85	1325	VOA-0060,0070	Victoria Darling	M. Hawkins	5/11/85	905
metals/Stor	Sherry K. Lewando	Victoria Darling	5/13/85	855	TOC	Victoria Darling	J.D. Skeemer	5/13/85	935
O/G	Victoria Darling	Sherry K. Lewando	5/13/85	1505	TOX	Victoria Darling	[illegible]	5/13/85	935
Cy	Victoria Darling	M. Hawkins	5/14/85	1570	CN	J.D. Skeemer	Victoria Darling	5/14/85	1335
					Stor	M. Hawkins	Victoria Darling	5/15/85	1455

G-15

WESTON
024

Custody Transfer Record/Lab Work Request

Received By [illegible] Client USAF - PEASE RFW Contact G. SMART
Date 5/6/85 Client Contact LT. McCOY Date Due 5/24/85
Assigned to _____ Phone 603-430-2208 Project Number 0057-09 05

8505-484

SAMPLE IDENTIFICATION **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	PHEN	METAL	VOA		
6010	GN-85-0143	RFW-28, 0157-NA-086	5/6/85	SEE BOTTLES	✓	✓	✓					
20	GN-85-0142	RFW-27, 0157-NA-085	"	"			✓		✓★			
30	GN-85-0141	RFW-26, 0157-NA-084	"	"			✓		✓★			
40	GN-85-0140	RFW-41, 0157-NA-083	"	"			✓		✓★			
50	GN-85-0139	RFW-25, 0157-NA-083	"	"			✓		✓★			
60	GN-85-0138	RFW-24, 0157-NA-082	"	"	✓	✓	✓	✓	✓	✓		

SPECIAL INSTRUCTIONS:

★ - LEAD ONLY

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]	[illegible]	5/6/85	1700	O/G	[illegible]	[illegible]	5/13/85	1505
TOC	[illegible]	[illegible]	5/8/85	1330	TOC	[illegible]	[illegible]	5/14	1335
metals	[illegible]	[illegible]	5/9/85	1040	O/G	[illegible]	[illegible]	5/14/85	1570
metals/phen	[illegible]	[illegible]	5/10/85	1450	TOC	[illegible]	[illegible]	5/14	[illegible]
TOX	[illegible]	[illegible]	5/10/85	1015	TOX	[illegible]	[illegible]	5/15/85	935
AS	Victoria K. Pardee	Sun Dok	5/24/85	920	metals/Stor	Sun Dok	Victoria K. Pardee	5/28/85	1500

G-16

WESTON
053

Custody Transfer Record/Lab Work Request

Received By V. K. Pardue
Date 5/3/85
Assigned to

Client USAF PEASE
Client Contact LT. McCOY
Phone 603-430-2228

RFW Contact G. SUMMERS
Date Due 5/21/85
Project Number 0628-09-05

8505-426-

SAMPLE IDENTIFICATION					ANALYSES REQUESTED							
Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	PHEN.	METAL	VOA		
0080	GN-85-0185	RFW-21, 0157-NA-074	5/2/85	SEE BOTTLES	✓	✓	✓	✓	✓	✓		
90	GN-85-0186	RFW-22, 0157-NA-080	5/2/85	" "	✓	✓	✓	✓	✓	✓		
100	GN-85-0187	RFW-16, 0157-NA-074	"	" "	✓	✓	✓					
110	GN-85-0189	RFW-17, 0157-NA-075	"	" "			✓					
120	GN-85-0190	RFW-39, 0157-NA-075	"	" "			✓					

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
			5/2/85	1600	TOX	Victoria L. Pardue	Stamatis Roussos	5/3/85	1000
Samples	[illegible]	Victoria L. Pardue	5/[illegible]	1915					
0/6	Victoria L. Pardue	[illegible]	5/[illegible]/85	1325					
Phen	[illegible]	[illegible]	5/[illegible]	955					
Phen/Sto	[illegible]	Victoria L. Pardue	5/6/85	1430					

C-17

WESTON
DESIGNERS CONSULTANTS

Custody Transfer Record/Lab Work Request

Received By V. R. Dalton
Date 5/2/85
Assigned to

Client Pease AFB
Client Contact Lt. McCuff
Phone

RFW Contact Mark Sutton
Date Due 5/20/85
Project Number 0332-05-03

805-4320-

SAMPLE IDENTIFICATION | **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	oil/grease	TOC	TOX	Phen	Pest	acids	Metals	
0010	RFW-10	0157 NA-002- GW-55-0126	5/1	See Bottle	✓	✓	✓					
0020	RFW-11	-0044/ -0173	5/1		✓	✓	✓					
0030	RFW-12	-0170/ -0174	5/1		✓	✓	✓					
0040	RFW-13	-0171/ -0175	5/1		✓	✓	✓					
0050	RFW-14	-0172/ -0176	5/1		✓	✓	✓					
0060	RFW-15	-0173/ -0177	5/1		✓	✓	✓					
0070	RFW-33	-0141/ -0197	5/1	↓	✓	✓	✓	✓	✓	✓	✓	

SPECIAL INSTRUCTIONS: Boxed for disposal 9/85

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	Mark A. Sutton		5/3	5100	TOC	Victoria Dalton		5/14	1135
2 bottles		Victoria Dalton	5/3	1325	TOX		Victoria Dalton	5/14	5 00
Oil	Victoria Dalton		5/3	1325					
Tox	Victoria Dalton		5/3	1445					
Phen	Victoria Dalton		5/6/85	955					

G-18

WESTON

Custody Transfer Record/Lab Work Request

Received By V. Dodson
Date 5/2/85
Assigned to

Client Pease AFB.
Client Contact Lt McCaf.
Phone

RFW Contact 66J - 09 - 05
Date Due 5/20/85
Project Number M. Sutton.

8505-4165-

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	O/G	TOC	TOX	Metals	Phenols	CN	Pest	Herb
0010	RFW-9	0157-NA-067/GWTS-0171	4/30	Sep. containers	✓	✓	✓	✓	✓	✓	✓	✓
0020	RFW-32	-090/-0197	4/30		✓	✓	✓	✓	✓			
0030	RFW-34	-092/-0199	4/30		✓	✓	✓	✓	✓			
0040	RFW-35	-093/-0200	4/30		✓	✓	✓	✓	✓			
~~0050~~												

Boxed for disposal 4/25 mk

SPECIAL INSTRUCTIONS: Metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Hg, Se, Ag, Zn — Drinking Water Detection Limits
Ni added 4/26/85

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Tedlar		Victoria K. Dodson	5/6/85	1450	CW	Victoria K. Dodson	D. Robertson	5/9/85	1010
TOC		Vicki L. Jeans	5/6/85	2000	Phen	Billy K. Arnold	Victoria K. Dodson	5/9/85	1430
O/G	Victoria K. Dodson	Billy K. Arnold	5/7/85	1325	Cn Sep	M. Schneider	Victoria K. Dodson	5/10/85	1455
Herb		D. Roach	5/7/85	1410					
Phen	Victoria K. Dodson	Billy K. Arnold	5/8/85	955					

C-19

WESTON

Custody Transfer Record/Lab Work Request

091

Received By V.B. Dardeau
Date 5/1/85
Assigned to

Client Pease AFB
Client Contact Lt MC. Cof.
Phone

RFW Contact M. Sutton
Date Due 5/19/85
Project Number 210-X-05-41

8505-458-

SAMPLE IDENTIFICATION | **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	o/g	TOC	TOX	Phen	CN	Pest	metals	Herb
0010	RFW-1	0157-NA-059/65-55-0163	4/29	See Bottle	o/g	✓	✓					
0020	RFW-2	-060/ 0164	4/29		✓	✓	✓					
0030	RFW-3	061/ 0165	4/29		✓	✓	✓					
0040	RFW-4	062/ 0166	4/29		✓	✓	✓					
0050	RFW-5	063/ 0167	4/29		✓	✓	✓	✓	✓	✓	✓	✓
0060	RFW-6	064/ 0168	4/29		✓	✓	✓	✓	✓	✓	✓	✓
0070	RFW-7	065/ 0169	4/29		✓	✓	✓	✓	✓	✓	✓	✓
0080	RFW 8	066 0170	4/29		✓	✓	✓	✓	✓	✓	✓	✓

Boxed for disposal 5/85 MK

SPECIAL INSTRUCTIONS: Metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Ni, Hg, Se, Ag, Zn - Drinking Water Limits

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	PM. LA Sito	EMERY	4/30	5:00	CN	Victoria V. Dardeau	D. Robertson	5/1/85	1110
CN/Phen	EMERY	Victoria V. Dardeau	5/1/85	1700	Phen	Thomas Lunsford	Victoria V. Dardeau	5/1/85	1430
TOC	Victoria V. Dardeau	M.J. Keenes	5/6/85	12:00	Metals	Victoria V. Dardeau	Lunsford	5/1/85	1325
Herb	Victoria V. Dardeau	D. Keech	5/7/85	1410	~~Pest~~ CN	M. Keenes	Victoria V. Dardeau	5/2/85	1455
Phen	Victoria V. Dardeau	Thomas Lunsford	5/8/85	955					

WESTON

Custody Transfer Record/Lab Work Request

Received By _____ Client Pease AFB. RFW Contact 66dT - 09 - 05

Date _____ Client Contact Lt Mccaf. Date Due _____

Assigned to _____ Phone _____ Project Number M. Sutton.

SAMPLE IDENTIFICATION **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	Q/G	TOC	TPH	metals	Pb-a	CN	Post	
0010	RFW-9	0157-NB-017/GMS0171	4/30	Sea. container.	✓	✓	✓	✓	✓	✓	✓	
0020	RFW-32	-090/-0197	4/30		✓	✓	✓	✓	✓			
0030	RFW-34	-092/-0196	4/30		✓	✓	✓	✓	✓			
0040	RFW-35	-093/-0200	4/30		✓	✓	✓	✓	✓			
0050												

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time

WESTON

Custody Transfer Record/Lab Work Request

030

Received By [illegible] Client USAF - Peasc RFW Contact M. Sutton

Date 4/29/85 Client Contact Lt M. Coy Date Due 5/17/85

Assigned to _____ Phone 603-430-2002 Project Number 0647-05-05

824-448-

SAMPLE IDENTIFICATION | **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	Q/E	Hazw						
002	15-B-19	0167-SO-056/65-85-0119	4/25	Cool	✓	✓						
30	15-B-22	0167-SO-056/65-85-0129	4/25	Cool	✓	✓						
30	15-B-24	0167-SO-056/65-85-0130	4/25	Cool	✓	✓						

SPECIAL INSTRUCTIONS: Rejected for disposal 9/85 mhd

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	M.D. [illegible]	EMERY	4/29	5100					
1 Cooler	EMERY	[illegible]	4/30	1050					

G-22

WESTON

019

Custody Transfer Record/Lab Work Request

Received By Victoria L. Vondra
Date 4/25/85
Assigned to

Client USAF - PEASE AFB
Client Contact LT. McCOY
Phone 603-430-2208

RFW Contact G. SMART
Date Due 5/13/85
Project Number 0628-04-05

804-458-

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	VOA				
0010	GN-85-0001	TANK AT BLDG 244 T-1	4/24/85 (LIQUID)	SEE BOTTLE	✓	✓	✓	✓				
0020	GS-85-0002	TANK AT BLDG 113 T-2	4/24/85 (SOLID)	" "	✓	✓	✓	✓				

SPECIAL INSTRUCTIONS: Brand for disposal 9/85 ahl

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
0010 O/G	Victoria L. Vondra	Frank Leonard	4/26/85	1400	0020	Victoria L. Vondra	J.G. Reames	5/4	1335
0010 TOC	John Dunn	J.G. Reames	5/3	2:40	STAT	J.G. Reames	Victoria L. Vondra	5/4	500
~~0020~~	Richard Greene	Victoria L. Vondra	5/3	5:00					
0020	Victoria Vondra	J.G. Reames	5/3	9:30					
~~0020~~ 0001	J.G. Reames	Victoria Vondra	5/3	5:00					

Custody Transfer Record/Lab Work Request

Received By _____ Client USAF PEASE RFW Contact G. SMART

Date _____ Client Contact LT MCCOY Date Due 5-13-85

Assigned to _____ Phone 603-430-2208 Project Number 0628-09-05

SAMPLE IDENTIFICATION **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	O&G	VOA						
0010	15B15	Ø15750Ø63/GSB5Ø132	4-23-85	2-500 mL AMBER	✓							
0020	15B17	Ø15750Ø63/GSB5Ø133			✓							
0030	15B18	Ø15750Ø64/GSB5Ø134			✓							
0040	14B1	Ø15750Ø65/GSB5Ø135			✓							
0050	14B4	Ø15750Ø65/GSB5Ø136			✓							
0060	14B5	Ø15750Ø65/GSB5Ø137			✓							
0070	15B15	Ø15750Ø63/GSB5Ø132		1-40 mL VOA		✓						
0080	15B17	Ø15750Ø63/GSB5Ø133				✓						
0090	15B18	Ø15750Ø64/GSB5Ø134				✓						
0100	14B1	Ø15750Ø65/GSB5Ø135				✓						
0110	14B4	Ø15750Ø65/GSB5Ø136				✓						
0120	14B5	Ø15750Ø65/GSB5Ø137				✓						

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[signature]		4-23	0500 AM					

WESTON
018

Custody Transfer Record/Lab Work Request

Received By N.R. Donduro
Date 4/11/85
Assigned to

Client Plant AFB
Client Contact A. Smart
Phone

RFW Contact
Date Due 4/29/85
Project Number 0628-09-05

804-33-

SAMPLE IDENTIFICATION | **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	O/G	Phen	VOA	Metals			
0010	Soil	15-B-5	4/9		✓	✓	✓	✓	✓			
20	"	15-B-6	"		✓	✓	✓	✓	✓			
30	"	15-B-7	"		✓	✓	✓	✓	✓			
40	"	15-B-8	4/10		✓	✓	✓	✓	✓			
50	"	15-B-9	"		✓	✓	✓	✓	✓			
60	"	15-B-10	"		✓	✓	✓	✓	✓			
70	—	15-B-11	"		✓	✓	✓	✓	✓			
		Metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Hg, Ni Se Ag Zn										

SPECIAL INSTRUCTIONS: Boxed for disposal 9/85 MLL

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time

G-25

WESTON DESIGNERS CONSULTANTS

Custody Transfer Record/Lab Work Request

Received By Mark Lute
Date 4/9/95
Assigned to

Client Reese AFB
Client Contact
Phone

RFW Contact
Date Due
Project Number 0668-05-65-

SAMPLE IDENTIFICATION | **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	O/G	metals	Phenol	VOA			
15-B-5	0668-05-65	Soil sample	4/9	2-1-Liter & 1 VOA	✓	✓	✓	✓	✓			
15-B-6	"	Soil sample	4/9	2-1-Liter & 1 VOA	✓	✓	✓	✓	✓			
15-B-7	"	Soil sample	4/9	2-1-Liter & 1 VOA	✓	✓	✓	✓	✓			
15-B-8	"	SOIL SAMPLE	4/10	2-1-LTR-1 VOA	✓	✓	✓	✓	✓			
15-B-9	"	SOIL SAMPLE	4/10	2-1-LTR-1 VOA	✓	✓	✓	✓	✓			
15-B-10	"	Soil Sample	4/10	2-Lte-1 VOA	✓	✓	✓	✓	✓			
15-B-11	"	Soil Sample	4/10	2-1-Ltr-1-VOA	✓	✓	✓	✓	✓			

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
		[illegible]	4/9/95	[illegible]	4/1				

WESTON
017

Custody Transfer Record/Lab Work Request

Received By [illegible] Client ~~[illegible]~~ USAF-PEASE RFW Contact G. SMART
Date 4/8/85 Client Contact LT. McCAY Date Due 4/26/85
Assigned to _____ Phone (603-430-2205 Project Number 0628-09-05

8804-379-

SAMPLE IDENTIFICATION | **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	METALS	PHEN.			
0010	RFW-33	GW-85-0085, 0157-NA-091	4/5/84	SEE BOTTLES	✓	✓	✓	✓	✓			
		Metals: As, Ba, Cd, Cr, Cu, Pb, Fe, Hg, Ni, Se, Ag, Zn										

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	Glenn Robert	[illegible]	4/5/85	4/8/85					
	Boxed for disposal 7/85 WLK								

WESTON
016

Custody Transfer Record/Lab Work Request

Received By J.K. Donahue
Date 4/4/85
Assigned to

Client USAF - PEASE
Client Contact LT. McCoy
Phone 603-430-2201

RFW Contact G. SMART
Date Due 4/22/85
Project Number 0625-09-05

8504-367-

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	PHEN.	METALS	VOAS		
0010	RFW-16	GW-85-0067, 0157-NA-074	4/3/85	SEE BOTTLES	✓	✓	✓					
20	RFW-17	GW-85-0068, 0157-NA-075					✓					
30	RFW-18	GW-85-0069, 0157-NA-076			✓	✓	✓	✓	✓	✓		
40	RFW-24	GW-85-0075, 0157-NA-082			✓	✓	✓	✓	✓	✓		
50	RFW-39	GW-85-0076, 0157-NA-076			✓	✓	✓	✓	✓	✓		
60	RFW-19	GW-85-0070 0157-NA-077			✓	✓	✓	✓	✓	✓		
70	RFW-20	GW-85-0071 0157-NA-078			✓	✓	✓	✓	✓	✓		

As, Ba, Cd, Cr, Cu, Fe, Pb, Ni, Hg, Se, Ag, Zn - Total

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Plan	J.K. Donahue	[illegible]	4/4/85	1130					
Plan & Host	[illegible]	J.K. Donahue	4/5/85	1550					
TOC		T.J. Reeves	4/6/85	8:15					

Custody Transfer Record/Lab Work Request

Received By _____ Client USAF - PEASE RFW Contact G. SMART

Date 3/27/95 Client Contact LT. McCOY Date Due _____

Assigned to _____ Phone 603-430-2208 Project Number 0128-09-05

SAMPLE IDENTIFICATION **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	PHEN	METALS			
	RFW-32	GN-BS-0084, 0157-NA-090	3/27/95	SEE BOTTLES	✓	✓	✓	✓	✓			
	RFW-34	GN-BS-0086, 0157-NA-092	↓	↓	✓	✓	✓	✓	✓			
	RFW-35	GN-BS-0087, 0157-NA-093	↓	↓	✓	✓	✓	✓	✓			

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	Glenn R. Smart		3/27/95	1700					

WESTON
014

Custody Transfer Record / Lab Work Request

Received By _____
Date 3/27/85
Assigned to _____

Client USAF - PEASE AFB
Client Contact LT. McCAY
Phone 603-430-2208

RFW Contact G. SMART
Date Due _____
Project Number 0628-09-05

8503-332-

SAMPLE IDENTIFICATION | **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	CN	PEST.	PHEN	METAL	VOA
0010	RFW-26	GN-85-008, DIST-NA-084	3/26/85	SEE BOTTLES			X				★	
20	RFW-27	GN-85-009, DIST-NA-085					X				★	
30	RFW-28	GN-85-010, DIST-NA-086			X	X	X					
40	RFW-25	GN-85-011, DIST-NA-083					X				★	
50	RFW-29	GN-85-012, DIST-NA-087			X	X	X	X	X	X	X	
60	RFW-30	GN-85-082, DIST-NA-088			X	X	X	X	X	X	X	
70	RFW-31	GN-85-083, DIST-NA-089			X	X	X	X	X	X	X	

Metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Se, Ag, Zn

SPECIAL INSTRUCTIONS: ★ - LEAD ONLY

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	G. SMART		3/26/85	1700	Samples	EMERY		3/27/85	1130
Purge			3/28/85	0900				4/3/85	1605
H. Lab			3/28/85	1200	TB			4/11/85	8:35
			4/3/85	1430					
			4/11/85	0830					

G-30

WESTON

Custody Transfer Record/Lab Work Request

Received By T.K. Dinderd
Date 3/25/85
Assigned to

Client USAE - PEASE
Client Contact LT. McCoy
Phone 430-2205

RFW Contact G. SMART
Date Due
Project Number 0628-01-05

B03-316

SAMPLE IDENTIFICATION / **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	CN	PEST	PHEN	METAL	VOA
0010	SW-1	RF SAMPLE	3/22/85	SEE BOTTLES			✓					
20	SW-3	"	"	" "			✓					
30	SW-6	"	"	" "						✓		
40	SW-7	"	"	" "	✓				✓			
50	RFW-[illegible]	GN-US-00[illegible], 057-NA-064	"	" "	✓	✓	✓					
60	RFW-5	GN-US-[illegible], 057-NA-063	"	" "	✓	✓	✓	✓	✓	✓	✓	
70	RFW-22	GN-US-00[illegible], 057-NA-0[illegible]	"	" "	✓	✓	✓			✓	✓	✓
80	RFW-21	GN-US-0073, 057-NA-076	"	" "	✓	✓	✓			✓	✓	✓
90	RFW-23	GN-US-00[illegible], 057-NA-[illegible]	"	" "	✓	✓	✓			✓	✓	✓

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]		3/22/85	1600	Samples	[illegible]	T.K. Dinderd	3/25/85	0910
Metals	[illegible]	Lynn Tolk	3/26/85	915	TOC	[illegible]	[illegible]	4/3/85	9:30
Chem	[illegible]	[illegible]	3/27/85	1130	Pest/Herb	[illegible]	[illegible]	4/3/85	900
O&G	[illegible]	[illegible]	3/28/85	1145	Phen	[illegible]	[illegible]	4/3/85	1400
Hg	[illegible]	[illegible]	4/1/85	1450	std	[illegible]	[illegible]	4/4	5:0

WESTON

012

Custody Transfer Record/Lab Work Request

Received By [illegible] Client USAF - PRAFB RFW Contact G. SMART

Date 3/24/95 Client Contact LT. McCoy Date Due

Assigned to Phone 603-430-2208 Project Number 0628-09-05

8215-316

SAMPLE IDENTIFICATION **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOC	TOX	O&G	CN	PEST	PHEN.	METALS	VOA
CKC	RFW 38	GN-85-0060, 057-NA-065	3/24/95	SEE BOTTLES	✓	✓	✓	✓	✓	✓	✓	
2C	RFW 10	GN-85-0061, 0157-NA-068	"	"	✓	✓	✓					
JC	RFW 11	GN-85-0062, 057-NA-069	"	"	✓	✓	✓					
JC	RFW 12	GN-85-0063, 0157-NA-070	"	"	✓	✓	✓					
JC	RFW 13	GN-85-0064, 057-NA-071	"	"	✓	✓	✓					
6C	RFW 14	GN-85-0065, 057-NA-072	"	"	✓	✓	✓					
JC	RFW 15	GN-85-0066, 0157-NA-073	"	"	✓	✓	✓					
		Metals: Pb, Ba, Cd, Cr, Cu, Fe, Ni, Hg, Ni, Se, Ag, Zn										

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]		3/24/95	1700					
Metals	[illegible]	Sam Jok	3/25/95	915					
Org	[illegible]	[illegible]	3/25/95	1430					
TOC	[illegible]	[illegible]	4/2	1205					
TOC	[illegible]	[illegible]	4/2	500					

Custody Transfer Record/Lab Work Request

Received By T. Dimmick
Date 3/21/85
Assigned to

Client USAF - RAPCON
Client Contact LT. McCOY
Phone 603-430-3205

RFW Contact M. Smart
Date Due
Project Number 06ZX09-05

8215-300

SAMPLE IDENTIFICATION / **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	CN	Pest.	PCBs	Metals	VOA
001C	RFW-7	GW-85-0057, QA57-NA-065	3/20/85	SEE BOTTLES	✓	✓	✓	✓	✓	✓	✓	
2C	RFW-6	GW-85-0058, QA57-NA-066	3/20/85	"	✓	✓	✓	✓	✓	✓	✓	
3C	RFW-9	GW-85-0059, QA57-NA0067	3/20/85	"	✓	✓	✓	✓	✓	✓	✓	
DISREGARD 4C	~~RFW-5~~	~~GW-85-0060, QA57-NA-068~~	~~3/20/85~~		~~✓~~	~~✓~~	~~✓~~	~~✓~~	~~✓~~	~~✓~~	~~✓~~	

Hi tab. As, Ba, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Se, Ag, Zn

G-33

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
OK	T. Dimmick	[illegible]	3/21/85	1405					
Thanks	[illegible]	Sharon K. Lemmo	3/22/85	0900					
TCC-	[illegible]	M Yeaman	3/27	10:40					
TCC	M Yeaman	T. Dimmick	3/27	4:45					

Custody Transfer Record/Lab Work Request

Received By _____ Client USAF PHASE RFW Contact _____

Date _____ Client Contact LT. McCoy Date Due _____

Assigned to _____ Phone 603-430-2208 Project Number 0625-01-05

SAMPLE IDENTIFICATION **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	CN	PEST	PHEN	METALS	VOA
	RFW-1	GN-85-0050, 057-NA-057	3/19/95	SEE BOTTLES	✓	✓	✓					
	RFW-2	GN-85-0051, 057-NA-060	"		✓	✓	✓					
	RFW-3	GN-85-0052, 057-NA-061	"		✓	✓	✓					
	RFW-4	GN-85-0053, 057-NA-062	"		✓	✓	✓					
	RFW-37	GN-85-0054, 057-NA-062	"		✓	✓	✓					
	RFW-6	GN-85-0056, 057-NA-064	"	SEE BOTTLES	✓	✓	✓	✓	✓	✓	✓	

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	L. Smart		3/19/95	1418					

WESTON

Custody Transfer Record/Lab Work Request

Received By: K. Dondero
Date: 3/20/85
Assigned to:

Client: Pease AFB
Client Contact:
Phone:

RFW Contact: Stan Smuda
Date Due:
Project Number: 0628-09-05

805-397-

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	CN	Phen	Pest	Herb	metals
0010		RFW-1	3/19/85									
20		RFW-2										
30		RFW-3										
40		RFW-4										
50		RFW-37										
60		RFW-6			—	—	—	X	X	X	X	
		Metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Se, Ag, Zn										

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
TOC	Victoria K. Dondero	Vicki J. Sleeman	3/21	8:45					
O&G	Victoria K. Dondero	Wendy Schuppert	3/21	1405					
TOC	Vicki J. Sleeman	Victoria K. Dondero	3/21	5:00					

Custody Transfer Record/Lab Work Request

Received By _____ Client USAF - PEASE RFW Contact _____

Date _____ Client Contact LT. McCoy Date Due _____

Assigned to _____ Phone 603-430-2207 Project Number 0628-09-05

SAMPLE IDENTIFICATION **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O/G	CN	Phen	Pest.	Metals	Volat.
	SW-19	GN-85-0031	3/13/85	See Bottle	✓	✓	✓	X		X	✓	
	SW-20	GN-85-0032	3/13		✓	✓	✓				✓	
	SW-26	GN-85-0045	3/13		✓	✓	✓			✓	✓	
	SW-27	GN-85-0046	3/13		✓	✓	✓			✓	✓	
	SW-28	GN-85-0047	3/13		✓	✓	✓			✓	✓	
	SW-31	GN-85-0098	3/13		✓	✓	✓			X	✓	
	SW-29	GN-85-0048	3/13		✓	✓	✓			✓	✓	
	SW-25	GN-85-0044	3/13		✓	✓	✓			✓	✓	
	SW-17	GN-85-0041	3/13		✓	✓	✓					
	SW-18	GN-85-0042	3/13		✓	✓	✓					

SPECIAL INSTRUCTIONS: Disregard X under Analyses Requested.

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	Matt Lotto		3/13	4:00					

Custody Transfer Record/Lab Work Request

Received By _____ Client USAF - PEASE RFW Contact ~~CX28-09-05~~

Date _____ Client Contact LT. McCoy Date Due _____

Assigned to _____ Phone 603-430-2208 Project Number CX28-09-05

SAMPLE IDENTIFICATION **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O/G	Phenol	Metals	VOA		
	PW-1	GP-85-0088	3/13/85	SEE BOTTLES	✓	✓	✓	✓	✓	✓		
	PW-2	GP-85-0089	3/13/85		✓	✓	✓	✓	✓	✓		
	PW-3	GP-85-0090	3/13/85		✓	✓	✓	✓	✓	✓		
	PW-4	GP-85-0091	3/13/85		✓	✓	✓	✓	✓	✓		
	PW-5	GP-85-0092	3/13/85		✓	✓	✓	✓	✓	✓		
	PW-6	GP-85-0093	3/13/85		✓	✓	✓	✓	✓	✓		

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[signature]		3/13	4:00					

WESTON
009

Custody Transfer Record/Lab Work Request

Received By W. Dorland
Date 3/14/85
Assigned to

Client Rose Hill
Client Contact
Phone

Date Due
Project Number 0628-07-08

803-217-

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O/G	Phen	Hexk	VOA
0010		PW-1	3/13/85							
20		PW-2								
30		PW-3								
40		PW-4								
50		PW-5								
60		PW-6								
70		SW-19	3/13/85							
80		SW-20								
90		SW-26						X		
100		SW-27						X		
110		SW-28						X		
120		SW-31								
130		SW-29						X		
140		SW-25						X		
150		SW-17								
160		SW-18								
		Metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Se, Ag, Zn								

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time
Org	[illegible]	[illegible]	3/14/85	1620
Org	[illegible]	[illegible]	3/14/85	1650
Metals	[illegible]	Sun Tek	3/15/85	0930
Metals	[illegible]	Sun Tek		
TOC	[illegible]	Y.J. Zeeman	3/20	9:45

Items/Reason	Relinquished By	Received By	Date	Time
TOC	Y.J. Zeeman	[illegible]	3/21	5:00

G-38

WESTON
008

Custody Transfer Record/Lab Work Request

Received By K. R. Nelson
Date 3/9/85
Assigned to

Client Kesse. AFB
Client Contact
Phone

RFW Contact G. Smeet
Date Due
Project Number 0628-05-05

8303-272-

SAMPLE IDENTIFICATION

ANALYSES REQUESTED

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	VOC	TOC	TOX	metals plus			
0010		SW-31	3/1/85		X	X	X	X			
20		SW-22			X	X	X	X			
30		SW-30			X	X	X	X			
40		SW-24			X	X	X	X	X		
50		SW-34			X	X	X	X	X		
		metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Se, Ag, Zn									

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
Phen	Victoria K. Dardeno	Brenda K. Leonard	3/4/85	905	ston.	M.J. Sweeney	Victoria K. Dardeno	3/4	5:00
metals	Victoria K. Dardeno	Sun Yok	3/4/85	1305	TOC	Victoria K. Dardeno	M.J. Sweeney	3/5	9:45
metals	Sun Yok	Victoria K. Dardeno	3/4/85	1550					
Phen	Brenda K. Leonard	Victoria K. Dardeno	3/5/85	1430					
TOC	M.J. Sweeney	Victoria K. Dardeno	3/6	3:40					

CHAIN OF CUSTODY RECORD

SHEET 1 OF 1

PROJECT NO.	PROJECT NAME
C62E-05-05	Pease

SAMPLER'S SIGNATURES: Mark H. Sutter, Eileen R Bryant

STA NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	250 mL amber	100 mL amber	1 Liter Amber	500 mL Poly	1 gal. amber	40 mL Amber	REMARKS
SW-28	3/12	1040		✓	GN-85-0033	4	1	1	1	1			
SW-26	3/12	1045		✓	GN-85-0034	4	1	1	1	1			
SW-30	3/12	1020		✓	GN-85-0035	4	1	1	1	1			
SW-24	3/12	1145		✓	GN-85-0043	5	1	1	2	1			
SW-34	3/10	1020		✓	GN-85-0049	5	1	1	2	1			

RELINQUISHED BY	DATE	TIME	RECEIVED BY	RELINQUISHED BY	DATE	TIME	RECEIVED BY
Mark H. Sutter	3/10/87	4:00					
RELINQUISHED BY	DATE	TIME	RECEIVED BY	RELINQUISHED BY	DATE	TIME	RECEIVED BY
RELINQUISHED BY	DATE	TIME	RECEIVED FOR LABORATORY BY	DATE	TIME	REMARKS	

WESTON

007

Custody Transfer Record/Lab Work Request

Received By _____ Client Pease AFB RFW Contact Glenn Grant

Date _____ Client Contact _____ Date Due _____

Assigned to _____ Phone _____ Project Number 0628-09-05

8503-24-

SAMPLE IDENTIFICATION

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	ANALYSES REQUESTED							
					g/o	TOC	TOX	metals	CN	Phen	Pest	Herb
0010		SW-1 Zone 1	3/1/85	o/g broken	X	X	X					
20		SW-2 Zone 1			X	X	X	X	X	X	X	
30		SW-3 Zone 1		o/g broken	X	X	X	X	X	X	X	
40		SW-4 Zone 1			X	X	X	X	X	X	X	
50		SW-6 Zone 1		Phen broken	X	X	X	X	X	X	X	
60		SW-7 Zone 1		TOX, Pest broken	X	X	X	X	X	X	X	
70		SW-8 Zone 1			X	X	X	X	X	X	X	
80		SW-9 Zone 1			X	X	X	X	X	X	X	
90		SW-10 Site 9			X		X					
100		SW-11 Site 9			X		X					
110		SW-12 Site 9			X		X					
120		SW-33 Site 9			X		X					
130		SW-32 Zone 2			X	X	X	X	X	X	X	X
140		SW-13 Zone 2			X	X	X	X	X	X	X	X
150		SW-14 Zone 2			X	X	X	X	X	X	X	X
160		SW-15 Zone 2			X	X	X	X	X	X	X	X
170		SW-16 Zone 2			X	X	X	X	X	X	X	X
		metals: Ag, Ba, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Se, Ag, Zn										

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
metals	Victoria L. Parker	Sun Tek	3/4/85	833	metals/Herb	Sun Tek	Victoria L. Parker	3/4/85	1305
Phen	Victoria L. Parker	Sunyk Lwang	3/4/85	905	TOC	M.D. Heenen	Victoria L. Parker	3/4	8:40
Rem	Sunyk Lwang	Victoria L. Parker	3/4/85	1430	TOC	M.D. Heenen	Victoria L. Parker	3/4	5:00

CHAIN OF CUSTODY RECORD

SHEET 1 OF 1

PROJECT NO | PROJECT NAME

SAMPLERS: SIGNATURES

SIA NO	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS							REMARKS
SL-15	3/11	12 45		✓	G-N-ES-cc-T	2	1	1	2	2	1		
SL-16	3/11	12 55		✓	G-N-ES-cc-S	2	1	1	2	2	1		
SL-17													

RELINQUISHED BY	DATE	TIME	RECEIVED BY	RELINQUISHED BY	DATE	TIME	RECEIVED BY
RELINQUISHED BY	DATE	TIME	RECEIVED BY	RELINQUISHED BY	DATE	TIME	RECEIVED BY
RELINQUISHED BY	DATE	TIME	RECEIVED FOR LABORATORY BY	DATE	TIME	REMARKS	

CHAIN OF CUSTODY RECORD

SHEET 1 OF 2

PROJECT NO: C62F6103 | PROJECT NAME: Fossil

SAMPLERS: SIGNATURES

SIA NO	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	250 mL plastic	1 mL plastic	1 L plastic	Sample Pkg	1 gal plastic	4 L plastic	REMARKS
SW-1	3/11	1605		✓	6N-8S-00E	3	1	1	1				
SW-2	3/11	1625		✓	" " 00 E	7	1	1	2	2	1		
SW-3	3/11	1633		✓	" " 00+0	7	1	1	2	2	1		
SW-4	3/11	1651		✓	" " 00+1	7	1	1	2	2	1		
SW-6	3/11	1730		✓	" " 00+2	7	1	1	2	2	1		
SW-7	3/11	1650		✓	" " 00+3	7	1	1	2	2	1		
SW-8	3/11	1651		✓	" " 00+4	7	1	1	2	2	1		
SW-9	3/11	1654		✓	" " 00+5	7	1	1	2	2	1		
SW-10	3/11	1130		✓	6N-8S 00E	2	1		1				
SW-1	3/11	1126		✓	" 00E	2	1		1				
SW-2	3/11	1135		✓	00E	2	1		1				
SW-33	3/11	1137		✓	0040	2	1		1				
[illegible]	[illegible]	[illegible]		✓	[illegible]	7	1	1	2	2	1		
SW-12		1152				1	1	1	2	2	1		
						7	1	1	2	2	1		

RELINQUISHED BY	DATE	TIME	RECEIVED BY	RELINQUISHED BY	DATE	TIME	RECEIVED BY
RELINQUISHED BY	DATE	TIME	RECEIVED BY	RELINQUISHED BY	DATE	TIME	RECEIVED BY
RELINQUISHED BY	DATE	TIME	RECEIVED FOR LABORATORY BY	DATE	TIME	REMARKS	

WESTON Consultants

PHONE: (215) 692-3030
TELEX: 83 5348

Figure 6

CHAIN OF CUSTODY RECORD

PROJ NO (Weston): C5

PROJECT NAME: Naval AES Phase II IRP

SAMPLERS (Signature):

SAMPLE NO	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	1 L Amber Glass	40 ml Vials					REMARKS
		1134		✓	Building 112 (65-64-0331)	3	2	1					
		1430		✓	Building 112 (65-64-0340)	3	2	1					
		1410		✓	NW of Building 112 (65-64-0338)	3	2	1					
		1005		✓	Building 401 (65-64-0339)	1	1						
		1026		✓	Building 416 (65-64-0336)	1	1						
		1120		✓	Building 401 (65-64-0337)	1	1						

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

CHAIN OF CUSTODY RECORD (5)

SHEET 1 OF 1

PROJECT NO

PROJECT NAME: REASE AFB IRP STUDY

SAMPLERS' SIGNATURES: Gerald T. O'Neill

STA NO	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Soil; G&G, Pb	Soil; G&G, TOX, Metals	VOC			REMARKS: SAMPLING SITE IDENTIFIER	REMARKS: BASE SAMPLE NUMBER
B1	11/19/84	1400		✓	LEADED FUEL TANK	1	1					0157-SO-050	GS-84-0281
B2	11/19/84	1500		✓	SLUDGE DISPOSAL	1	1					0157-SO-050	GS-84-0282
B3	11/20/84	0930		✓	AREA	1	1					0157-SO-050	GS-84-0283
B4	11/20/84	1030		✓	"	1	1					0157-SO-050	GS-84-0284
TPB1	11/2/84	1500		✓	JET ENGINE MAINTENANCE SOLVENT STORAGE AREA	3		1		2		0157-SO-052	GS-84-0287

RELINQUISHED BY	DATE	TIME	RECEIVED BY	RELINQUISHED BY	DATE	TIME	RECEIVED BY
Gerald T. O'Neill	11/20/84	1700	EMERY				
RELINQUISHED BY	DATE	TIME	RECEIVED BY	RELINQUISHED BY	DATE	TIME	RECEIVED BY
RELINQUISHED BY	DATE	TIME	RECEIVED FOR LABORATORY BY	DATE	TIME	REMARKS	

WESTON

PHONE: (215) 692-3030
TELEX: 83-5340

Figure

CHAIN OF CUSTODY RECORD

PROJECT NO. 2628-05-37

PROJECT NAME: PEASE AFB - IRP PHASE II

SAMPLERS (Signature): John A. Hilbert, Glenn R. Braat

SAMPLE NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	1 LITER AMBER GLASS	250 ml. AMBER GLASS	500 ml. POLYETHYLENE	40 ml. GLASS VIAL			REMARKS
-21	11/3/84	0912		X	GN-84-0266	5	2	1	1	1			
-25	11/4/84	1010		X	GN-84-0262	5	2	1	1	1			
-26	11/4/84	1005		X	GN-84-0263	5	2	1	1	1			
-27	11/4/84	1000		X	GN-84-0264	5	2	1	1	1			
-28	11/4/84	1047		X	GN-84-0265	5	2	1	1	1			
-23	11/3/84	1100		X	GN-84-0239	4	1	1	1	1			
-22	11/3/84	1120		X	GN-84-0238	4	1	1	1	1			
-3	11/3/84	1130		X	GS-84-0244	1	1						
-4	11/3/84	1135		X	GS-84-0245	1	1						
-5	11/3/84	1155		X	GS-84-0246	1	1						
-21	11/3/84	1150		X	GN-84-0237	4	1	1	1	1			
-24	11/3/84	1150		X	GN-84-0261	4	1	1	1	1			

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Glenn R. Braat	11/9/84 1523				
	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	Date / Time	Received for Laboratory by:	Date / Time	Remarks	

TELEX: 803548 Figure 3.0-5

CHAIN OF CUSTODY RECORD

PROJECT NAME: PEASE AFB - IRP PHASE II

SAMPLERS (Signature): Kim C. Risley, Judy A. Gilbert, Daniel V. O'Neil

SAMPLE NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	1 LITER AMBER GLASS	350 ml. AMBER GLASS	500 ml. POLYETHYLENE	40 ml. GLASS VIAL			REMARKS
SW-9	11/8/84	0908		X	GN-84-0230	9	3	1	2	3			AT WEIR NEAR POWERLINE
SW-2	11/8/84	0945		X	GN-84-0223	9	3	1	2	3			
SW-3	11/8/84	0940		X	GN-84-0224	9	3	1	2	3			
SW-4	11/8/84	0938		X	GN-84-0225	9	3	1	2	3			
SW-5	11/8/84	1040		X	GN-84-0226	9	3	1	2	3			
SW-6	11/8/84	1040		X	GN-84-0227	9	3	1	2	3			
SW-7	11/8/84	1020		X	GN-84-0228	9	3	1	2	3			
SW-1	11/8/84	1110		X	GN-84-0221	3	1	1		1			
SW-19	11/8/84	1400		X	GN-84-0235	4	1	1	1	1			
SW-20	11/8/84	1346		X	GN-84-0236	4	1	1	1	1			
SD-1	11/8/84	1400		X	GS-84-0242	[illegible]	1	[illegible]	[illegible]				
SD-2	11/8/84	1346		X	GS-84-0242	[illegible]	1	[illegible]	[illegible]				
SD-6	11/8/84	1540		X	GS-84-0247	1	1						DOWNSTREAM OF WHITE BRIDGE
SD-7	11/8/84	1601		X	GS-84-0248	1	1						WHERE STREAM EXISTS THROUGH FENCE
SD-8	11/8/84	1540		X	GS-84-0239	4	1	1	1	1			DOWNSTREAM OF WHITE BRIDGE

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

PHONE: (215) 692-3030
TELEX: 83-5348

CHAIN OF CUSTODY RECORD

Figure 4 of 5

PROJECT NAME: Griffiss AFB - IRP Phase II

SAMPLERS (Signature): John A. Gilbert, Peter O'Neill

PROJECT NO.	DATE	TIME	GRAB	STATION LOCATION	NO. OF CONTAINERS	1 LITER AMBER GLASS	250 ml AMBER GLASS	500 ml RED	40 ml GLASS VIA			REMARKS
	11/5/84	1001	✓	GN-84-0241	4	1	1	1	1			WHERE STREAM PASSES THROUGH FENCE

C-48

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by:	Date / Time	Remarks	

CO-21-05

PROJECT NO. PEASE AFB IRP PHASE 2

SAMPLERS (Signature) Glenn Shuart, Richard Sinnett, Allison Bryant

LAB NO	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Filtered Amber (Specify) HNO3	Unfiltered Glass	Unfiltered VOA	Filtered Poly			REMARKS
GW-10	11/7/84	1026		✓	GN 84 0260	2	✓	✓					AT UPSTREAM END OF MWIS
GW-11	11/7	1014		✓	GN 84 0259	2	✓	✓					100 YDS DOWNSTREAM OF E.D.
GW-12	11/7	1006		✓	GN 84 0258	2	✓	✓					AT FENCE ON PAGE INTERSECTION
GW-16	11/7	1121		✓	GN-84-0234	9	1	3	3	2			DOWNSTREAM END OF CULVERT
GW15	11/7	1134		✓	GN-84-0233	9	1	3	3	2			N. END OF LOWER RIVERWAY ROAD
GW14	11/7	1145		✓	GN-84-0232	9	1	3	3	2			NW END OF UPPER RIVERWAY ROAD
GW13	11/7	1620		✓	GN-84-0231	9	1	3	3	2			NE END OF UPPER RIVERWAY ROAD
GW10	11/7	1345		✓	GN-84-0257	3	1	1	1				NEAR MWIS SOUTH OF DISPOSAL AREA
GW17	11/7	1405		✓	GN-84-0256	3	1	1	1				NORTH OF DISPOSAL AREA
GW-8	11/7	1640		✓	GN-84-0229	9	1	3	3	2			OIL SEPARATOR

G-49

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Allison Bryant	11/7/84 1700	John A. Gilbert	John A. Gilbert	11/8/84 0800	
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

PHONE: (215) 832-3000
TELEX: 83 5340 PTS

CHAIN OF CUSTODY RECORD

PROJECT NAME: PEASE AFB – IRP PHASE II

SAMPLERS (Signature): John A. Gilbert

SAMPLE NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	1 LITER GLASS - AMBER	250 ml. GLASS - AMBER	500 ml. POLYETHYLENE	40 ml. VOA GLASS (2)			REMARKS
PW-1	11/2/84	1130		X	GP-84-0249	6	X	X	X	X			SMITH WELL
PW-2	11/2/84	1145		X	GP-84-0250	6	X	X	X	X			HARRISON WELL
PW-3	11/2/84	1100		X	GP-84-0251	6	X	X	X	X			HAVEN WELL
PW-4	11/2/84	1005		X	GP-84-0252	6	X	X	X	X			MMS-1 WELL
PW-5	11/2/84	1015		X	GP-84-0253	6	X	X	X	X			MMS-2 WELL
PW-6	11/2/84	1035		X	GP-84-0254	6	X	X	X	X			LOOMIS WELL
PW-7	11/2/84	1035		X	GP-84-0255	6	X	X	X	X			LOOMIS WELL

G-50

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
John A. Gilbert	11/8/84 0800				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

Figure 3

DATE COLLECTED: 10/23 & 10/24

DATE RECEIVED: 10-29-84

DATE DUE: 3 weeks 11/19

WESTON DESIGNERS CONSULTANTS

DATA SUMMARY SHEET

CLIENT: Pease AFB

CLIENT I.D.: Pease

PLAN CODE: 002

W.O.#: 6628-09-39-00

P.O.#:

RFW SAMPLE NO.	DESCRIPTION	PARAMETER	O/G	TOX
8410-792-0010	TP 1		87	0.1
84- 0020	2		199	0.3
84- 0030	4		2180	<0.1
84- 0040	6		368	<0.1
84- 0050	8		231	<0.1
84- 0060	9		5780	0.1
84- 0070	15		56,700	26.0
84- 0080	15A		73,600	22.0
84- 0090	16		85	<0.1
84- 0100	17		50	<0.1
84-				
84-				
84-				
84-				
UNITS				
DETECTION LIMITS			mg/kg	mg/kg

RFW 410-5-84

Rec'd 11/26/84

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CHAIN OF CUSTODY RECORD

SHEET 1 OF 1

PROJECT NO	PROJECT NAME
0628-05-34	PEASE AFB

SAMPLERS' SIGNATURE(S): Glenn R Grant

STA NO	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	1 AMBER GLASS	REMARKS
TP 1	10/25	1507		✓		1	✓	O&G AND TOX
2	"	1530		✓		1	✓	"
4	"	1618		✓		1	✓	"
6	10/26	1005		✓		1	✓	"
8		1135		✓		1	✓	"
9		1200		✓		1	✓	"
15		1415		✓		1	✓	"
15A		1415		✓		1	✓	"
16		1440		✓		1	✓	"
17	↓	1510		✓		1	✓	"

RELINQUISHED BY	DATE	TIME	RECEIVED BY	RELINQUISHED BY	DATE	TIME	RECEIVED BY
Glenn R Grant	10/26/84	1600					
RELINQUISHED BY	DATE	TIME	RECEIVED BY	RELINQUISHED BY	DATE	TIME	RECEIVED BY
RELINQUISHED BY	DATE	TIME	RECEIVED FOR LABORATORY BY	DATE	TIME	REMARKS	

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WESTON

015

Custody Transfer Record/Lab Work Request

Received By T. K Dendoo
Date 3/27/84
Assigned to

Client USAF - PEASE
Client Contact LT. McCOY
Phone 603-430-2208

RFW Contact G. SMART
Date Due 4/18/85
Project Number 0228-09-05

8305-339-

SAMPLE IDENTIFICATION | **ANALYSES REQUESTED**

Sample No.	Client ID No.	Description	Date Collected	Container/Preservative	TOX	TOC	O&G	PHEN.	METALS			
0010	RFW-32	GN-85-0084, 0157-NA-090	3/27/85	SEE BOTTLES	✓	✓	✓	✓	✓			
20	RFW-34	GN-85-0086, 0157-NA-092	↓	↓	✓	✓	✓	✓	✓			
30	RFW-35	GN-85-0087, 0157-NA-093	↓	↓	✓	✓	✓	✓	✓			
		Metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Se, Ag, Zn										

SPECIAL INSTRUCTIONS:

Items/Reason	Relinquished By	Received By	Date	Time	Items/Reason	Relinquished By	Received By	Date	Time
	[illegible]		3/[illegible]/85	1700	O&G	[illegible]	[illegible]	4/5/85	
Metals	[illegible]	[illegible]	3/[illegible]/85	[illegible]	TOC	[illegible]	[illegible]	4/4/85	8:35
Metals	[illegible]	[illegible]	4/4/85	1115					
O&G	[illegible]	[illegible]	4/4/85	1430					
TOC	[illegible]	[illegible]	4/3/85	1000					

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WESTON (Consultants)

PHONE (215) 692-3030
TELEX: 83-5348

Figure 6

CHAIN OF CUSTODY RECORD

JOB NO	PROJECT NAME
22-09-05	PEASE AFB PHASE II IRP

SAMPLERS (Signature): Steven R Hurst

SAMPLE NO	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	1 L Amber Glass	REMARKS
10-MW-5	1/3/84	1413		✓	SITE 10	1	✓	O&G AND LEAD
10-MW-6	1/3/84	1433		✓	SITE 10	1	✓	" " "
7-MW-1	1/4/84	1042		✓	SITE 7	1	✓	O&G " TOX
7-MW-2	1/4/84	1053		✓	SITE 7	1	✓	" " "
22-MW-4	1/3/84	1345		✓	SITE 22	1	✓	" " "

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Steven R Hurst	1/4/84 1685				

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)

Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks

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APPENDIX H

LABORATORY ANALYTICAL REPORTS

Inter-Office Memorandum

TO: Bob Ricard
Glenn Smart ✓
Dick Kraybill
Kass Sheedy
Rich Johnson

FROM: Stephanie Dobbs SD

DATE: February 26, 1986

PROJECT: PEASE A.F.B.

W.O. NO.: 0628-09-05

SUBJECT: SAMPLES RECEIVED JANUARY 29, 1986

ACTION:

Enclosed is the data summary report for the above-referenced client. If you have any questions, please don't hesitate to call.

RECEIVED
MAR 24 1986
ROY F. WESTON, INC.
CONCORD OFFICE

DATE OF REPORT: 02/27/86

CLIENT: PEASE AFB
DATA SUMMARY REPORT FOR
SAMPLES RECEIVED: 1-29-86
W.O.NUMBER: 0628-09-05
DATE SAMPLE COLLECTED: 1-27-86
SAMPLE COLLECTED BY:. UNKNOWN

RFWSN	DESCRIPTION	CYANIDE TOTAL	TOTAL [illegible] CARBON
8601-523-0010	RFW-12		1.35 MG/L
-0020	RFW-31	<.010 MG/L	
-002R	REPLICATE	<.010 MG/L	
-002S	PRECISION	NC	
	METHOD BLANK	<.010 MG/L	
	METHOD SPIKE	.084 MG/L	
	SPIKE RECOVERY	84.0 %	

RFWSN	DESCRIPTION	OIL AND GREASE BY IR	TOTAL ORGANIC HALOGEN
8601-523-0010	RFW-12	<100 UG/L	.5 UG/L
	METHOD BLANK	<100 UG/L	
	METHOD SPIKE	23600 UG/L	
	SPIKE RECOVERY	112 %	

PREPARED BY Stephanie Dobbs
STEPHANIE DOBBS
DATA MANAGER
WESTON ANALYTICAL LABORATORIES

APPROVED BY Earl M. Hansen
for EARL M. HANSEN, PH.D.
MANAGER
WESTON ANALYTICAL LABORATORIES

Inter-Office Memorandum

TO: Glenn Smart (Concord)
Dick Kraybill (Concord)
Kass Sheedy
Rich Johnson

FROM: Stephanie Dobbs SD

DATE: February 13, 1986

PROJECT:

W.O. NO.: 0628-09-05

SUBJECT: PEASE AFB

ACTION:

Enclosed are data summary reports for samples received January 3, 1986 and December 20, 1985.

RECEIVED
FEB 1986
ROY F. WESTON, INC.
CONCORD OFFICE

DATE OF REPORT: 02/25/86

CLIENT: FEASE AFB
DATA SUMMARY REPORT FOR
SAMPLES RECEIVED: 1/3/86
W.O.NUMBER: 0626-09-08
...TE SAMPLE COLLECTED: 1-1-86
...MPLE COLLECTED BY: CHARLMA

...W.O.	...SCRIPTION	CYANIDE TOTAL	TOTAL ORGANIC CARBON
...	...FB 11		...0 MG/L
...	...FB 12	...0 MG/L	1.63 MG/L
...	...REPLICATE		1.73 MG/L
...	...	...	...
...	...	...	...
...	...	...	...

Supervisor

For Quality Control

CLIENT: [illegible] AFB
DATA SUMMARY REPORT FOR
SAMPLES COLLECTED: [illegible]-85
W.O.NUMBER: 0621-05-05

DATE [illegible] COLLECTED: 12-18-85
SAMPLED BY: [illegible] R.A. RITCHEY

[illegible]	DESCRIPTION	AS mg/L	AS mg/L	BA mg/L	CD mg/L	[illegible]	[illegible] mg/L	[illegible] mg/L
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	DESCRIPTION	TOTA [illegible]	[illegible]
8542-255-0050	SW-24		
-0060	SW-25	[illegible]	
-0070	SW-26	[illegible]	
-0090	15-B-3	[illegible]	
-0100	15-B-4	[illegible]	
-0110	MATRIX SPIKE	[illegible]	
-0120	SPIKE RECOVERY	[illegible]	
	[illegible]	[illegible]	[illegible]
	METHOD SPIKE		
	SPIKE RECOVERY		

[illegible]

inter-office memorandum

TO: Glenn Smart (Concord Office)
Dick Kraybill (Concord Office)
Kass Sheedy
Rich Johnson
cc: Earl Hansen (Memo Only)

DATE: November 5, 1985

FROM: Judy Porta

SUBJECT: FINAL RESULTS
PEASE A.F.B. SOIL SAMPLES
RECEIVED AUGUST 15, 1985

W. O. No.: 0628-09-05

Enclosed are the final results for all in-house samples identified as RFW 8508-844-0010 to 0160. If you have any questions, please don't hesitate to call.

JP/eb

WESTON

DATE OF FINAL REPORT: November 5, 1985

PEASE A.F.B.
TOTAL SELENIUM SUMMARY REPORT
FOR SOIL SAMPLES
RECEIVED AUGUST 15, 1985
W.O. NO. 0628-09-05

DATE SAMPLES COLLECTED: August 14 and 15, 1985
SAMPLES COLLECTED BY: Glenn Smart

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL SELENIUM (Se), mg/kg
8508-844-0040	15-B-15	<0.510
-0050	15-B-17	<0.510
-0050 DUP	15-B-17 (LAB DUPLICATE)	<0.510
-0060	15-B-18	<0.510
-0070	15-B-19	<0.510
-0070 SPIKE	15-B-19 (MATRIX SPIKE)	57% RECOVERY
-0080	15-B-22	<0.510
-0130	15-B-11	<0.510
-0140	15-B-24	<0.510
-0150	15-B-1	<0.510
8508-844/	LAB BLANK	<0.510
8508-844/SPIKE	BLANK SPIKE	64% RECOVERY
DATE OF ANALYSIS:		10-28-85
DETECTION LIMIT:		0.510
EPA METHOD:		7740
EPA RECOMMENDED HOLDING TIME:		6 MOS.

COMPILED BY: Judith A. Porta
Judith A. Porta
Laboratory Operations Manager
WESTON Analytical Laboratories

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

Concord

inter-office memorandum

TO: Glenn Smart
Dick Kraybill
Kass Sheedy
Rich Johnson
cc: Earl Hansen (Memo Only)

DATE: October 25, 1985

FROM: Stephanie Dobbs

SUBJECT: PEASE A.F.B.
ADDITIONAL REPORT FOR
SAMPLE SD-7 RECEIVED AUGUST 9, 1985

W. O. No.: 0628-09-05

Enclosed are the results for the above-mentioned sample which were inadvertantly omitted from the original report dated October 1, 1985. If you have any questions, please don't hesitate to call.

SB/eb

DATE OF ORIGINAL REPORT: 0

DATE OF ADDITIONAL INFORMATION: 0

PEASE A.F.B.
TOTAL METALS SUMMARY REPORT
FOR
SOIL SAMPLE RECEIVED AUGUST 9, 1985

W.O. NO. 0628-09-05

W.F.W. NO.:	8508-824-230	8508-824/	8508-824/SPIKE	8508-824/SPIKE DUP	DETECTION	DATE OF	EP
SAMPLE DESCRIPTION:	SD-7	LAB BLANK	BLANK SPIKE	BLANK SPIKE DUPLICATE	LIMIT	ANALYSIS	(
ANALYSES:							
TOTAL METALS							
ARSENIC (As), mg/kg	25.9	---	---	---	5.0	8-15-85	
BARIUM (Ba), mg/kg	69.4	<1.0	99% RECOVERY	96% RECOVERY	1.0	8-15-85	
CADMIUM (Cd), mg/kg	9.34	---	---	---	1.0	8-15-85	
CHROMIUM (Cr), mg/kg	49.1	---	---	---	1.0	8-15-85	
COPPER (Cu), mg/kg	25.1	<2.0	98% RECOVERY	111% RECOVERY	2.0	8-15-85	
IRON (Fe), mg/kg	20,500	<2.0	108% RECOVERY	---	2.0	8-16-85	EP
LEAD (Pb), mg/kg	268	---	---	---	20.0	8-15-85	
MERCURY (Hg), µg/g	0.584	---	---	---	0.10	9-5-85	
NICKEL (Ni), mg/kg	32.8	<4.0	86% RECOVERY	99% RECOVERY	4.0	8-15-85	
SILVER (Ag), mg/kg	<2.50	---	---	---	2.5	8-15-85	
ZINC (Zn), mg/kg	367	<2.0	---	---	2.0	9-24-85	

H-10

COMPILED BY: Stephanie Dobbs

Stephanie Dobbs
Data Manager
WESTON Analytical Laboratories

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

inter-office memorandum

TO: Glenn Smart
Dick Kraybill
Kass Sheedy
Rich Johnson
cc: Earl Hansen (Memo Only)

DATE: October 25, 1985

FROM: Stephanie Dobbs

SUBJECT: INORGANICS SUMMARY REPORT
PEASE A.F.B.
FOR SOIL SAMPLES RECEIVED SEPTEMBER 15, 1985

W. O. No.: 0628-09-05

Enclosed is the inorganics summary report for soil samples received September 15, 1985 with the exception of Selenium. Please see report regarding Selenium. If you have any questions, please call.

WESTON

DATE OF REPORT: October 25, 1985

PEASE A.F.B.
INORGANICS SUMMARY REPORT
FOR
SOIL SAMPLES RECEIVED SEPTEMBER 15, 1985
W.O. NO. 0628-09-05

R.F.W. NO.	SAMPLE DESCRIPTION	PHENOLICS µg/g	TOX µg/g	TOC
8508-844-0010	15-B-5	---	0.2	---
-0020	15-B-6	---	0.6	---
-0020 DUP	15-B-6	---	0.2	---
-0020 SPIKE	15-5-6	---	86% RECOVERY	---
-0030	15-B-7	---	0.3	---
-0040	15-B-15	<0.125	0.3	---
-0050	15-B-17	<0.125	<0.1	---
-0050 DUP	15-B-17	<0.125	---	---
-0050 SPIKE	15-B-17	91% RECOVERY	---	---
-0060	15-B-18	5.62	1.4	---
-0070	15-B-19	0.18	0.2	---
-0080	15-B-22	<0.125	0.3	---
-0090	TA-2	---	---	1560 mg/kg
-0100	15-B-8	---	0.3	--- (SOIL)
-0110	15-B-9	---	0.5	---
-0120	15-B-10	---	0.4	---
-0130	15-B-11	0.212	0.5	---
-0140	15-B-24	0.167	0.5	---
-0150	15-B-1	4.37	67.5	---
-0160	TA-1	---	---	10.2 mg/L
8508-844/	LAB BLANK	<0.125	---	--- (WATER)
8508-844/SPIKE	BLANK SPIKE	100% RECOVERY	---	---
DETECTION LIMIT:		0.125	0.1	---
EPA METHOD:		420.1	9020	9060 SOIL 415.2 WATER
EPA HOLDING TIME:		28 DAYS	21 DAYS	21 DAYS

DATE OF REPORT: October 25, 1985

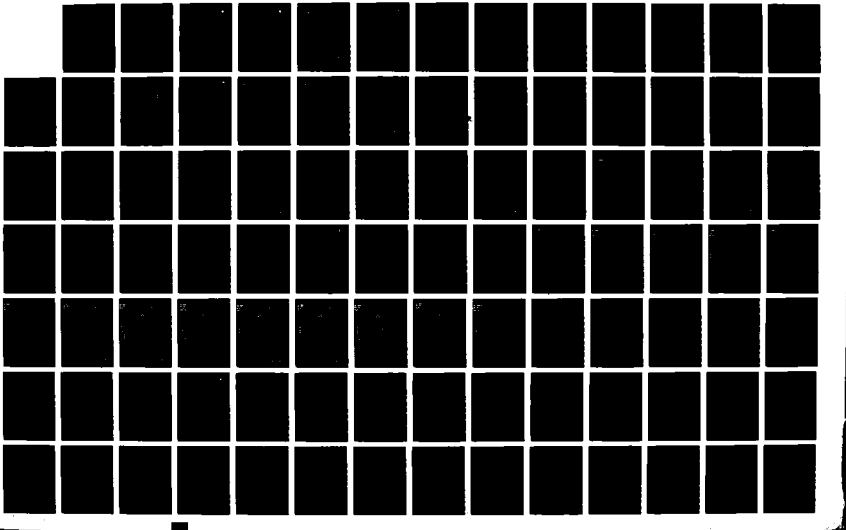
WESTON

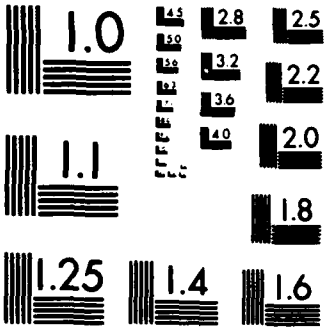
PEASE A.F.B. (cont'd)(page 2)

R.F.W. NO.	SAMPLE DESCRIPTION	As mg/kg	Ba mg/kg	Cd mg/kg	Cr mg/kg	Cu mg/kg
8508-844-0040	15-B-15	5.70	<2.00	<5.00	<5.00	<3.00
-0040 DUP	15-B-15	5.80	---	---	---	---
-0050	15-B-17	9.22	<2.00	<5.00	<5.00	<3.00
-0060	15-B-18	4.33	<2.00	<5.00	130	<3.00
-0070	15-B-19	3.64	<2.00	<5.00	<5.00	<3.00
-0070 DUP	15-B-19	---	<2.00	<5.00	<5.00	<3.00
-0070 SPIKE	15-B-19	---	93% RECOVERY	---	71% RECOVERY	76% RECOVERY
-0080	15-B-22	13.3	<2.00	<5.00	<5.00	<3.00
-0130	15-B-11	9.53	<2.00	<5.00	<5.00	<3.00
-0140	15-B-24	141	<2.00	<5.00	<50	<3.00
-0150	15-B-1	6.43	<2.00	<5.00	<5.00	<3.00
8508-844/	LAB BLANK	<0.125	<2.00	<5.00	<5.00	<3.00
8508-844/SPIKE	BLANK SPIKE	107% RECOVERY	86% RECOVERY	101% RECOVERY	86% RECOVERY	100% RECOVERY
DETECTION LIMIT:		1.25	2.00	5.00	5.00	3.00
EPA METHOD:		206.2	208.1	213.2	218.1	220.1
EPA HOLDING TIME:		6 mos.	6 mos.	6 mos.	6 mos.	6 mos.

AD-A184 843 INSTALLATION RESTORATION PROGRAM PHASE 2 CONFIRMATION/QUANTIFICATION STAG.. (U) WESTON (ROY F) INC WEST CHESTER PA R L KRAYBILL ET AL. AUG 87 4/10

UNCLASSIFIED F33615-84-D-4400 F/G 24/4 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

DATE OF REPORT: October 25, 1985

PEASE A.F.B. (cont'd)(page 3)

R.F.W. NO.	SAMPLE DESCRIPTION	Fe mg/kg	Pb mg/kg	Hg µg/g	Ni mg/kg	Se mg/kg	Ag mg/kg	Zn mg/kg
8508-844-0040	15-B-15	3860	<5.00	<0.100	<10.00	*	<0.5	<2.00
-0050	15-B-17	7860	<5.00	<0.100	<10.00	*	<0.5	<2.00
-0060	15-B-18	15300	160	<0.100	<10.00	*	<0.5	65.5
-0070	15-B-19	8810	<5.00	<0.100	<10.00	*	<0.5	<2.00
-0070 DUP	15-B-19	8820	<5.00	<0.100	<10.00	*	<0.5	<2.00
-0070 SPIKE	15-B-19	---	140% RECOVERY	110% RECOVERY	95% RECOVERY	*	---	127% RECOVERY
-0080	15-B-22	15600	<5.00	<0.100	<10.00	*	<0.5	<2.00
-0130	15-B-11	12600	<5.00	<0.100	<10.00	*	<0.5	<2.00
-0140	15-B-24	9690	<5.00	<0.100	<10.00	*	<0.5	<2.00
-0150	15-B-1	10300	<5.00	<0.100	<10.00	*	<0.5	<2.00
-0150 DUP	15-B-1	---	---	<0.100	---	*	---	---
-0150 SPIKE	15-B-1	---	---	111% RECOVERY	---	*	---	---
8508-844/	LAB BLANK	<5.00	<5.00	---	<10.00	*	<0.5	<0.005
8508-844/SPIKE	BLANK SPIKE	---	---	---	---	*	75% RECOVERY	80% RECOVERY
DETECTION LIMIT:		5.00	5.00	0.100	10.00		0.5	2.00
EPA METHOD:		236.1	239.2	245.2	249.1		272.2	289.1
EPA HOLDING TIME:		6 mos.	6 mos.	6 mos.	6 mos.		6 mos.	6 mos.

*The Selenium samples were analyzed according to EPA SW-846 Method 7740 which requires a preparatory digestion step. Method 3050 specifically states that HCl be used during the digestion process for analysis of sludge samples. No specific directions for digesting of soils are stated. The Laboratory followed the digestion procedure in Method 3050 for the analysis of these samples and spectral interference (presumably from the HCl used in the digestion) was encountered. These samples will be re-analyzed according to the EPA Digestion Procedure described in Method 7740 not requiring preparatory digestion with HCl.

Compiled By: Stephanie Dobbs
Stephanie Dobbs
Data Manager
WESTON Analytical Laboratories

Approved By: For Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

inter-office memorandum

TO: Glenn Smart (Concord Office)
Dick Kraybill (Concord Office)
Kass Sheedy
Rich Johnson
cc: Earl Hansen

DATE: October 21, 1985

FROM: Judy Porta JP

SUBJECT: PEASE A.F.B.
CN^- & VOA REPORTS
FOR SAMPLES REC'D SEPT. 5, 1985

W. O. No.: 0628-09-05

Attached are the CN^- and VOA reports for the above-referenced client. If you have any questions, please don't hesitate to call.

inter-office memorandum

TO: Glenn Smart (Concord Office)
Dick Kraybill (Concord Office)
Kass Sheedy
Rich Johnson
cc: Earl Hansen

DATE: October 21, 1985

FROM: Judy Porta JP

SUBJECT: PEASE A.F.B.
CN⁻ & VOA REPORTS
FOR SAMPLES REC'D SEPT. 5, 1985

W. O. No.: 0628-09-05

Attached are the CN⁻ and VOA reports for the above-referenced client. If you have any questions, please don't hesitate to call.

WESTON

DATE OF REPORT: October 21, 1985

PEASE A.F.B.
TOTAL CYANIDE SUMMARY REPORT
FOR
SAMPLES REC'D SEPTEMBER 5, 1985
W.O. NO. 0628-09-05

DATE SAMPLES COLLECTED: September 5, 1985
SAMPLES COLLECTED BY: Glenn Smart

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL CYANIDE, mg/L
8509-930-0060	RFW-5	<0.01
-0080	SW-4	<0.01
-0090	SW-6	<0.01
-0100	SW-7	<0.01
-0110	SW-8	<0.01
-0120	SW-9	<0.01
-0130	SW-13	<0.01
-0140	SW-14	<0.01
-0150	SW-15	<0.01
-0160	SW-16	<0.01
-0170	SW-32	<0.01
DETECTION LIMIT:		0.01
DATE OF ANALYSIS:		9-18-85
METHOD:		EPA 335.2

COMPILED BY: Judith A. Porta
Judith A. Porta
Laboratory Operations Manager
WESTON Analytical Laboratories

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

inter-office memorandum

TO: Glenn Smart (Concord Office)
Dick Kraybill (Concord Office)
Kass Sheedy
Rich Johnson

DATE: October 15, 1985

FROM: Earl M. Hansen

SUBJECT: VOA REPORT - PEASE A.F.B.
FOR SOIL SAMPLE REC'D AUGUST 15, 1985

W. O. No.: 0628-09-05

Enclosed is the VOA report for sample 15-B-1 collected on August 14, 1985.

If you have any questions, please call.

DATE OF REPORT: October 15, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 14, 1985

DATE RECEIVED: August 15, 1985

DATE ANALYZED: August 27, 1985

RFW NO.: 8508-844-0150

SAMPLE DESCRIPTION: 15-B-1

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ng/gm (ppb)

BROMOMETHANE	<20	1,3-TRANS DICHLOROPROPENE	<30
BROMOFORM	<40	1,3-CIS DICHLOROPROPENE	<10
CARBON TETRACHLORIDE	<10	METHYLENE CHLORIDE	250
CHLOROBENZENE	4,000	1,1,2,2 TETRACHLOROETHANE	10
CHLORODIBROMOMETHANE	<10	TETRACHLOROETHYLENE	<10
CHLOROETHANE	<10	1,2 TRANS DICHLOROETHYLENE	<10
2-CHLOROETHYLVINYL ETHER	<10	1,1,1 TRICHLOROETHANE	<10
CHLOROFORM	350	1,1,2 TRICHLOROETHANE	<10
DICHLOROBROMOMETHANE	<10	TRICHLOROETHYLENE	14
DICHLORODIFLUOROMETHANE	<20	TRICHLOROFLUOROMETHANE	<15
1,2-DICHLOROBENZENE	29,000	VINYL CHLORIDE	<20
1,3-DICHLOROBENZENE	18,000		
1,4-DICHLOROBENZENE	19,000	BENZENE	<100
1,1-DICHLOROETHANE	<10	TOLUENE	3,800
1,2-DICHLOROETHANE	<10	ETHYL BENZENE	7,500
1,1-DICHLOROETHYLENE	<10		
1,2-DICHLOROPROPANE	<10	OTHER	
CHLOROMETHANE	<20		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: October 14, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

RFW NO.: 8508-844/

DATE ANALYZED: August 27, 1985

SAMPLE DESCRIPTION: Lab Method Blank

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ng/gm (ppb)

BROMOMETHANE	< 20	1,3-TRANS DICHLOROPROPENE	< 30
BROMOFORM	< 40	1,3-CIS DICHLOROPROPENE	< 10
CARBON TETRACHLORIDE	< 10	METHYLENE CHLORIDE	< 15
CHLOROBENZENE	< 10	1,1,2,2 TETRACHLOROETHANE	< 10
CHLORODIBROMOMETHANE	< 10	TETRACHLOROETHYLENE	< 10
CHLOROETHANE	< 10	1,2 TRANS DICHLOROETHYLENE	<10
2-CHLOROETHYLVINYL ETHER	< 10	1,1,1 TRICHLOROETHANE	< 10
CHLOROFORM	< 10	1,1,2 TRICHLOROETHANE	< 10
DICHLOROBROMOMETHANE	< 10	TRICHLOROETHYLENE	< 10
DICHLORODIFLUOROMETHANE	< 20	TRICHLOROFLUOROMETHANE	< 15
1,2-DICHLOROBENZENE	< 15	VINYL CHLORIDE	< 20
1,3-DICHLOROBENZENE	< 15		
1,4-DICHLOROBENZENE	< 15	BENZENE	<10
1,1-DICHLOROETHANE	< 10	TOLUENE	<10
1,2-DICHLOROETHANE	< 10	ETHYL BENZENE	<10
1,1-DICHLOROETHYLENE	< 10		
1,2-DICHLOROPROPANE	< 10	OTHER	
CHLOROMETHANE	< 20		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

inter-office memorandum

TO: [redacted]e)
Dick Kraybill (Concord Office)
Kass Sheedy
Rich Johnson

cc: Earl Hansen

DATE: October 8, 1985

FROM: Judy Porta JP

SUBJECT: PEASE A.F.B.
HERBICIDE/PESTICIDE REPORTS
FOR SAMPLES REC'D AUG.8, AUG.9, AUG.12 and SEPT.6, 1985

W. O. No.: 0628-09-09

Attached are the results of analysis for the above-referenced client. Please note that the HERBICIDE results for samples received Aug. 8, 9, & 12th were forwarded to you on September 13, 1985.

If you have any questions, please don't hesitate to call.

PEASE A.F.B.
HERBICIDE/PESTICIDE SUMMARY REPORT
W.O. NO. 0628-09-09
8508

R.F.W. NO.:	DET. LIMITS	818-0030	818-0040	818-0050	818-0060	818-0070	818-0080	818-0130	818-0140	818-0150
SAMPLE DESCRIPTION:	---	SW-2	SW-3	SW-7	SW-4	SW-5	SW-6	SW-13	SW-14	SW-15
DATE COLLECTED:	---	8-6-85	8-6-85	8-6-85	8-6-85	8-6-85	8-6-85	8-6-85	8-6-85	8-6-85
DATE EXTRACTED:	---	8-9-85	8-9-85	8-9-85	8-9-85	8-9-85	8-9-85	8-9-85	8-9-85	8-9-85
DATE ANALYZED:	---	8-13-85	8-13-85	8-13-85	8-13-85	8-13-85	8-13-85	8-13-85	8-13-85	8-13-85
PARAMETER, µg/L										
ALDRIN	0.2	<2	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DDT ISOMER	0.5	<5	<5	14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DIELDRIN	0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ENDRIN	0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HEPTACHLOR	0.2	<2	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
LINDANE	0.2	<2	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
METHOXYCHLOR	2	<20	<20	<20	<2	<2	<2	<2	<2	<2
DIAZINON	0.2	<2	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
MALATHION	0.2	<2	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PARATHION	0.2	<2	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
TOXAPHENE	1.0	<100	<100	<100	<10	<10	<10	<10	<10	<10
2,4-D				PREVIOUSLY REPORTED 9-13-85						
2,4,5-T				PREVIOUSLY REPORTED 9-13-85						
2,4,5-TP (SILVEX)				PREVIOUSLY REPORTED 9-13-85						

PEASE A.F.B.
HERBICIDE/PESTICIDE SUMMARY REPORT
8508 W.O. NO. 0628-09-09

R.F.W. NO.:	DET LIMITS	818-0160	818/	818-SPIKE	818-SPIKE DUP	824-0200	824-0210	826-0010	826-0140	826-0150
SAMPLE DESCRIPTION:	---	SW-16	LAB BLANK	BLANK SPIKE	BLANK SPIKE DUP	RFW 6	RFW 7	RFW 38	RFW 5	RFW 8
DATE COLLECTED:	---	8-6-85	DNA	DNA	DNA	8-7-85	8-7-85	8-8-85	8-9-85	8-9-85
DATE EXTRACTED:	---	8-9-85	8-9-85	8-9-85	8-9-85	8-13-85	8-13-85	8-13-85	8-13-85	8-13-85
DATE ANALYZED:	---	8-13-85	8-13-85	8-13-85	8-13-85	8-15-85	8-15-85	8-15-85	8-15-85	8-15-85
PARAMETER, µg/L										
ALDRIN	0.2	<0.2	<0.2	56% RECOVERY	43% RECOVERY	<0.2	<0.2	<0.2	<0.2	<0.2
DDT ISOMER	0.5	<0.5	<0.5	119% RECOVERY	131% RECOVERY	<0.5	<0.5	<0.5	<0.5	<0.5
DIELDRIN	0.5	<0.5	<0.5	86% RECOVERY	81% RECOVERY	<0.5	<0.5	<0.5	<0.5	<0.5
ENDRIN	0.5	<0.5	<0.5	97% RECOVERY	92% RECOVERY	<0.5	<0.5	<0.5	<0.5	<0.5
HEPTACHLOR	0.2	<0.2	<0.2	89% RECOVERY	83% RECOVERY	<0.2	<0.2	<0.2	<0.2	<0.2
LINDANE	0.2	<0.2	<0.2	---	---	<0.2	<0.2	<0.2	<0.2	<0.2
METHOXYCHLOR	2	<2	<2	---	---	<2	<2	<2	<2	<2
DIAZINON	0.2	<0.2	<0.2	---	---	<0.2	<0.2	<0.2	<0.2	<0.2
MALATHION	0.2	<0.2	<0.2	---	---	<0.2	<0.2	<0.2	<0.2	<0.2
PARATHION	0.2	<0.2	<0.2	---	---	<0.2	<0.2	<0.2	<0.2	<0.2
TOXAPHENE	1.0	<10	<10	---	---	<10	<10	<10	<10	<10
2,4-D				PREVIOUSLY REPORTED 9-13-85						
2,4,5-T				PREVIOUSLY REPORTED 9-13-85						
2,4,5-TP (SILVEX)				PREVIOUSLY REPORTED 9-13-85						

PEASE A.F.B.
HERBICIDE/PESTICIDE SUMMARY REPORT
W.O. NO. 0628-09-09

		8508			8509					
R.F.W. NO.:	DET. LIMITS	824 / 826	824 826/SPIKE	824 / 826	930-0060	930-0100	930/	930/SPIKE	930/ SPIKE DUP	
SAMPLE DESCRIPTION:	---	LAB BLANK	BLANK SPIKE	BLANK SPIKE DUP	RFW 5	SW-7	LAB BLANK	BLANK SPIKE	BLANK SPIKE DUP	
DATE COLLECTED:	---	DNA	DNA	DNA	9-5-85	9-5-85	DNA	DNA	DNA	
DATE EXTRACTED:	---	8-13-85	8-13-85	8-13-85	9-11-85P 9-12-85H	9-11-85P 9-12-85H	9-11-85P 9-12-85H	9-11-85P 9-12-85H	9-11-85P 9-12-85H	
DATE ANALYZED:	---	8-15-85	8-15-85	8-15-85	9-18-85P 9-25-85H	9-18-85P 9-25-85H	9-18-85P 9-15-85H	9-18-85P 9-25-85H	9-18-85P 9-25-85H	
PARAMETER, µg/L										
ALDRIN	0.2	<0.2	46% RECOVERY	58% RECOVERY	<0.2	<0.2	<0.2	---	---	
DDT ISOMER	0.5	<0.5	60% RECOVERY	71% RECOVERY	<0.2	9.2	<0.2	---	---	
DIELDRIN	0.5	<0.5	63% RECOVERY	75% RECOVERY	<0.2	<0.2	<0.2	---	---	
ENDRIN	0.5	<0.5	75% RECOVERY	88% RECOVERY	<0.2	<0.2	<0.2	105% RECOVERY	---	
HEPTACHLOR	0.2	<0.2	75% RECOVERY	95% RECOVERY	<0.2	<0.2	<0.2	---	---	
LINDANE	0.2	<0.2	---	---	<0.2	<0.2	<0.2	75% RECOVERY	---	
METHOXYCHLOR	2	<2	---	---	<2	<2	<2	91% RECOVERY	---	
DIAZINON	0.2	<0.2	---	---	<0.2	<0.2	<0.2	---	---	
MALATHION	0.2	<0.2	---	---	<0.2	<0.2	<0.2	---	---	
PARATHION	0.2	<0.2	---	---	<0.2	<0.2	<0.2	---	---	
TOXAPHENE	1.0	<10	---	---	<5	<5	<5	---	88% RECOVERY	
2,4-D	PREVIOUSLY REPORTED		9-13-85		<10	<10	<10	93% RECOVERY	84% RECOVERY	
2,4,5-T	PREVIOUSLY REPORTED		9-13-85		<1	<1	<1	90% RECOVERY	86% RECOVERY	
2,4,5-TP (SILVEX)	PREVIOUSLY REPORTED		9-13-85		<1	<1	<1	92% RECOVERY	90% RECOVERY	

P = PESTICIDE
H = HERBICIDE

COMPILED BY: Judith A Porta
Judith A. Porta
Laboratory Operations Manager
WESTON Analytical Laboratories

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

inter-office memorandum

TO: Glenn Smart (Concord Office)
Dick Kraybill (Concord Office)
Kass Sheedy
Rich Johnson
cc: Earl Hansen (memo only)

DATE: October 4, 1985

FROM: Judy Porta

SUBJECT: PEASE A.F.B. RESULTS
MISC. SOIL & WATER SAMPLES
REC'D AUGUST 12, 1985

W. O. No.: 0626-09-05

Enclosed are the results of analysis on the water and soil samples referenced above. HERBICIDE results were previously forwarded. PESTICIDE results are not included but will follow shortly.

JAP:bwm

Enclosures (3)

DATE OF REPORT: October 4, 1985

PEASE A.F.B.
INORGANICS SUMMARY REPORT
FOR
WATER SAMPLE R.F.W.-38 REC'D AUGUST 12, 1985

W.O. NO. 0628-09-05

DATE SAMPLES COLLECTED: August 8, 1985
SAMPLES SUBMITTED BY: Glenn Smart

R.F.W. NO. / SAMPLE DESCRIPTION: / ANALYSES:	8508-826-0010 R.F.W.-38	8508-826/ LAB BLANK	8508-826/SPIKE BLANK SPIKE	DETECTION LIMIT	EPA METHOD	DATE OF ANALYSIS	EPA RECOMMENDED HOLDING TIME
CYANIDE (CN),µg/L	<10	--	--	10	335.2	8-16-85	14 days
OIL & GREASE (O/G),µg/L	270	<100	95% Recovery	100	413.2	8-12-85	28 days
TOTAL ORGANIC CARBON (TOC),µg/L	1900	--	--	500	415.2	8-15-85	28 days
TOTAL ORGANIC HALIDE (TOX),µg/L	9	--	--	5	450.1	8-19-85	21 days
TOTAL METALS							
ARSENIC (As),µg/L	<10	--	--	10	206.2	9-18-85	6 mos.
BARIUM (Ba),µg/L	<10	<10	110% Recovery	10	208.2	8-15-85	6 mos.
CADMIUM (Cd),µg/L	110	--	--	10	213.2	8-15-85	6 mos.
CHROMIUM (Cr),µg/L	<10	<10	111% Recovery	10	218.1	8-15-85	6 mos.
COPPER (Cu),µg/L	<20	<20	110% Recovery	20	220.1	8-15-85	6 mos.
IRON (Fe),µg/L	8300	<500	82% Recovery	500	236.1	9-11-85	6 mos.
LEAD (Pb),µg/L	<5	--	--	5	239.2	8-14-85	6 mos.
MERCURY (Hg),µg/L	<0.5	--	--	0.5	245.2	8-20-85	6 mos.
NICKEL (Ni),µg/L	<40	<40	108% Recovery	40	249.1	8-15-85	6 mos.
SELENIUM (Se),µg/L	<5	--	--	5	270.2	9-24-85	6 mos.
SILVER (Ag),µg/L	<2.5	<2.5	111% Recovery	2.5	272.2	8-15-85	6 mos.
ZINC (Zn),µg/L	59	--	--	10	289.1	9-24-85	6 mos.
TOTAL PHENOLICS,µg/L	20	<5	106% Recovery	5	420.1	8-14-85	28 days

Compiled By: Judith A. Porta
Judith A. Porta
Laboratory Operations Manager
WESTON Analytical Laboratories

Approved By: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: October 4, 1985

WESTON

PEASE A.F.B.
MISC. INORGANIC SUMMARY REPORT
FOR
WATER SAMPLES REC'D AUGUST 12, 1985
W.O. NO. 0628-09-05

DATE SAMPLES COLLECTED: August 8, 1985
SAMPLES SUBMITTED BY: Glenn Smart

R.F.W. NO.	SAMPLE DESCRIPTION	OIL & GREASE (O/G), µg/L	DATE OF ANALYSIS
8508-826-0020	SW-17	11,300	8-12-85
-0030	SW-18	3,120	8-12-85
-0040	SW-19	280	8-12-85
-0050	SW-20	310	8-12-85
-0090	RFW-28	1,400	8-12-85
8508-826/	Lab Blank	<100	8-12-85
8508-826/Spike	Blank Spike	95% Recovery	8-12-85
DETECTION LIMIT:		100	
METHOD:		EPA 413.2	
EPA RECOMMENDED HOLDING TIME:		28 days	

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL LEAD (Pb), µg/L	DATE OF ANALYSIS
8508-826-0080	RFW-26	<5	8-14-85
-0100	RFW-25	18	8-14-85
-0110	RFW-27	21	8-14-85
DETECTION LIMIT:		5	
METHOD:		EPA 239.2	
EPA RECOMMENDED HOLDING TIME:		6 mos.	

Compiled By: Judith A. Porta
Judith A. Porta
Laboratory Operations Manager
WESTON Analytical Laboratories

Approved By: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: October 4, 1985

PEASE A.F.B.
TOTAL METALS SUMMARY REPORT
FOR
SOIL SAMPLES REC'D AUGUST 12, 1985
W.O. NO. 0628-09-05

DATE SAMPLES COLLECTED: August 8, 1985
SAMPLES SUBMITTED BY: Glenn Smart

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL As mg/kg	Ba mg/kg	Cd mg/kg	Cr mg/kg	Cu mg/kg	Fe mg/kg	Pb mg/kg	Hg mg/kg	Ni mg/kg	Se mg/kg	Ag mg/kg	Zn mg/kg
8508-826-0060	SD-1	31	79	10	45	28	40,000	72	0.250	35	*	<2.5	92
-0070	SD-2	50	99	12	50	30	46,000	86	0.263	40	*	<2.5	120
8508-826/	Lab Blank	--	--	--	--	<2.0	--	--	--	--	--	--	--
8508-826/Spike	Blank Spike	--	--	--	--	110% Rec	--	--	--	--	--	--	--
DETECTION LIMIT:		5.0	1.0	1.0	1.0	2.0	1,000	20	0.250	4.0	--	2.5	1
EPA METHOD:		206.2	208.2	213.2	218.1	220.1	236.1	239.2	245.2	249.1	270.2	272.2	289.1
EPA HOLDING TIME:		N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

N.S. = Not specified

* = No results to date - Spectral Interference. Samples will be reanalyzed on a Zeeman Furnace.

Compiled By: Judith A. Porta
Judith A. Porta
Laboratory Operations Manager
WESTON Analytical Laboratories

Approved By: Carl M. Hansen
Carl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

inter-office memorandum

TO: Glenn Smart
Dick Kraybill
Kass Sheedy
Rich Johnson

DATE: October 1, 1985

RECEIVED
OCT 7 1985
ROY F. WESTON, INC.
CONCORD OFFICE

FROM: Earl Hansen

SUBJECT: PEASE A.F.B.
SUMMARY REPORT FOR
SOIL & WATER SAMPLES REC'D AUGUST 9, 1985

W. O. No.: 0628-09-05

Enclosed are the results for the above-referenced samples. TOTAL SELENIUM and HERBICIDE/PESTICIDE values will be forwarded under separate cover. If you have any questions, please don't hesitate to call.

WESTON

DATE OF REPORT: October 1, 1985

PEASE A.F.B.
OIL AND GREASE SUMMARY REPORT
FOR
WATER SAMPLES REC'D AUGUST 9, 1985
W.O. NO. 0628-09-09

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE ANALYZED	OIL & GREASE, mg/L
8508-824-0070	SW-22	8-7-85	8-12-85	0.26
-0080	SW-23	8-7-85	8-12-85	0.12
-0090	SW-25	8-7-85	8-12-85	<0.10
-0100	SW-26	8-7-85	8-12-85	1.42
-0110	SW-27	8-7-85	8-12-85	0.29
-0120	SW-28	8-7-85	8-12-85	0.74
-0130	SW-29	8-7-85	8-12-85	0.97
-0140	SW-31	8-7-85	8-12-85	0.13
-0190	RFW-37	8-7-85	8-12-85	<0.10
DETECTION LIMIT:				0.10
EPA METHOD:				413.2
EPA RECOMMENDED HOLDING TIME:				28 DAYS

COMPILED BY: Judith A. Porta
Judith A. Porta
Laboratory Operations Manager
WESTON Analytical Laboratories

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

WESTON

DATE OF REPORT: October 1, 1985

PEASE A.F.B.
TOTAL METALS SUMMARY REPORT
FOR
SOIL SAMPLES REC'D AUGUST 9, 1985
W.O. NO. 0628-09-09

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL As mg/Kg	Ba mg/Kg	Cd mg/Kg	Cr mg/Kg	Cu mg/Kg	Fe mg/Kg
8508-824-0150	SD-3	31.5	55.3	31.9	31.9	12.9	22,200
-0160	SD-4	29.3	54.9	7.3	30.4	12.4	22,300
-0170	SD-5	14.2	237	6.6	49.0	25.2	13,100
-0170 DUP	SD-5 (LAB DUPLICATE)	14.2	327	7.5	43.4	30.6	13,600
-0180	SD-6	7.2	28.3	4.9	42.4	25.1	8,190
8508-824/	LAB BLANK	---	<1.0	---	---	<2.0	<2.0
8508-824/SPIKE	BLANK SPIKE	---	99% REC.	---	---	98% REC.	111% REC.
8508-824/SPIKE DUP.	BLANK SPIKE DUPLICATE	---	96% REC.	---	---	108% REC.	---
DETECTION LIMIT:		5.0	1.0	1.0	1.0	2.0	2.0
DATE OF ANALYSIS:		8-15-85	8-15-85	8-15-85	8-15-85	8-15-85	8-16-85
EPA METHOD: (SW-846)		7060	7080	7131	7190	7210	EPA 236.1
EPA RECOMMENDED HOLDING TIME:		6 MOS.	6 MOS.	6 MOS.	6 MOS.	6 MOS.	6 MOS.

DATE OF REPORT: October 1, 1985

WESTON

PEASE A.F.B.
TOTAL METALS SUMMARY (con't)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL Pb mg/kg	Hg mg/kg	Ni mg/kg	Se mg/kg	Ag mg/kg	Zn mg/kg
8508-824-0150	SD-3	75.7	<0.10	20.3	*	<2.5	59.6
-0160	SD-4	60.0	<0.10	21.0	*	<2.5	64.1
-0170	SD-5	330	0.10	18.5	*	<2.5	177
-0170 DUP	SD-5 (Lab Duplicate)	307	--	19.1	*	<2.5	181
-0180	SD-6	271	<0.10	15.0	*	<2.5	90.5
8508-824/	Lab Blank	--	--	<4.0	--	--	<2.0
8508-824/Spike	Blank Spike	--	--	86% Recovery	--	--	--
8508-824/Spike Dup.	Blank Spike Duplicate	--	--	99% Recovery	--	--	--
DETECTION LIMIT:		20.0	0.10	4.0	--	2.5	2.0
DATE OF ANALYSIS:		8-15-85	9-5-85	8-15-85	--	8-15-85	9-24-85
EPA METHOD:		7421	7471	7520	7740	7761	7950
EPA RECOMMENDED HOLDING TIME:		6 mos.	6 mos.	6 mos.	6 mos.	6 mos.	6 mos.

*The Selenium samples were analyzed according to EPA SW-846 Method 7740 which requires a preparatory digestion step. Method 3050 specifically states that HCl be used during the digestion process for analysis of sludge samples. No specific directions for digesting of soils are stated. The Laboratory followed the digestion procedure in Method 3050 for the analysis of these samples and spectral interference (presumably from the HCl used in the digestion) was encountered. These samples will be re-analyzed according to the EPA Digestion Procedure described in Method 7740 not requiring preparatory digestion with HCl.

Compiled By: Judith A. Porta
Judith A. Porta
Laboratory Operations Manager
WESTON Analytical Laboratories

Approved By: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 7, 1985

RFW NO.: 8508-824-0010

SAMPLE DESCRIPTION: SMITH PW-1

DATE RECEIVED: August 9, 1985

DATE ANALYZED: August 15, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratori

DATE OF REPORT: September 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 7, 1985

RFW NO.: 8508-824-0020

SAMPLE DESCRIPTION: HAVAN PW-3

DATE RECEIVED: August 9, 1985

DATE ANALYZED: August 15, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	3.5
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratori

DATE OF REPORT: September 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 7, 1985

DATE RECEIVED: August 9, 1985

DATE ANALYZED: August 15, 1985

RFW NO.: 8508-824-0030

SAMPLE DESCRIPTION: MMS-1 PW-4

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
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WESTON Analytical Laboratori

DATE OF REPORT: September 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 7, 1985

DATE RECEIVED: August 9, 1985

DATE ANALYZED: August 15, 1985

RFW NO.: 8508-824-0040

SAMPLE DESCRIPTION: MMS-2 PW-5

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

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DATE OF REPORT: September 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 7, 1985

DATE RECEIVED: August 9, 1985

RFW NO.: 8508-824-0050

DATE ANALYZED: August 15, 1985

SAMPLE DESCRIPTION: LOOMIS 1 PW-6

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	4.8*	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	2.8	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

*MAY BE 1,1,2 Trichloroethylene

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laborator

DATE OF REPORT: September 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 7, 1985

DATE RECEIVED: August 9, 1985

DATE ANALYZED: August 15, 1985

RFW NO.: 8508-824-0060

SAMPLE DESCRIPTION: LOOMIS 2 PW-7

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laborator

DATE OF REPORT: September 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 7, 1985

DATE RECEIVED: August 9, 1985

DATE ANALYZED: August 15, 1985

RFW NO.: 8508-824-0220

SAMPLE DESCRIPTION: R.F.W. 22

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laborator

DATE OF REPORT: September 3, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: DNA

FW NO.: 8508-824/

AMPLE DESCRIPTION: LAB METHOD BLANK

DATE RECEIVED: DNA

DATE ANALYZED: August 15, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laborator

DATE OF REPORT: September 3, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

FW NO.: 8508-824/SPIKE

DATE ANALYZED: August 15, 1985

AMPLE DESCRIPTION: METHOD BLANK SPIKE

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE *	100% RECOVERY	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	103% RECOVE
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE *	92% RECOVE
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE *	93% RECOVERY	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

* = SPIKED COMPOUND

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratory

DATE OF REPORT: September 17, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

FW NO.: 8509-930/SPIKE

DATE ANALYZED: September 17, 1985

AMPLE DESCRIPTION: METHOD BLANK SPIKE

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE *	101% RECOVERY
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM *	123% RECOVERY	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE *	109% RECOVERY
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

* = SPIKED COMPOUND

Approved By Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 17, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

FW NO.: 8509-930/

DATE ANALYZED: September 17, 1985

AMPLE DESCRIPTION: LAB METHOD BLANK (WATER)

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLORDETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< .0
HLORDETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLORDETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLORDETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratori

DATE OF REPORT: September 17, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: September 5, 1985 DATE RECEIVED: September 6, 1985

RFW NO.: 8509-930-0070 DATE ANALYZED: September 17, 1985

SAMPLE DESCRIPTION: RFW-22

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
[illegible]

DATE OF REPORT: September 17, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: September 5, 1985 DATE RECEIVED: September 6, 1985

RFW NO.: 8509-930-0050 DATE ANALYZED: September 17, 1985

SAMPLE DESCRIPTION: PW-6

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLORODETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratori

DATE OF REPORT: September 17, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: September 5, 1985 DATE RECEIVED: September 6, 1985

DATE ANALYZED: September 17, 1985

FW NO.: 8509-930-0040

AMPLE DESCRIPTION: PW-5

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	15.3
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	10.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	2.6
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	2.0
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 17, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: September 5, 1985 DATE RECEIVED: September 6, 1985

DATE ANALYZED: September 17, 1985

FW NO.: 8509-930-0030

SAMPLE DESCRIPTION: PW-4

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLORDETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
,1-DICHLOROETHYLENE	< 2.0		
,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 17, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: September 5, 1985 DATE RECEIVED: September 6, 1985

FW NO.: 8509-930-0020 DATE ANALYZED: September 17, 1985

AMPLE DESCRIPTION: PW-3

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	7.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 17, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: September 5, 1985 DATE RECEIVED: September 6, 1985

DATE ANALYZED: September 17, 1985

IFW NO.: 8509-930-0010

SAMPLE DESCRIPTION: PW-1

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratori

WESTON

DATE OF REPORT: October 21, 1985

PEASE A.F.B.
TOTAL CYANIDE SUMMARY REPORT
FOR
SAMPLES REC'D SEPTEMBER 5, 1985
W.O. NO. 0628-09-05

DATE SAMPLES COLLECTED: September 5, 1985
SAMPLES COLLECTED BY: Glenn Smart

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL CYANIDE, mg/L
8509-930-0060	RFW-5	<0.01
-0080	SW-4	<0.01
-0090	SW-6	<0.01
-0100	SW-7	<0.01
-0110	SW-8	<0.01
-0120	SW-9	<0.01
-0130	SW-13	<0.01
-0140	SW-14	<0.01
-0150	SW-15	<0.01
-0160	SW-16	<0.01
-0170	SW-32	<0.01
DETECTION LIMIT:		0.01
DATE OF ANALYSIS:		9-18-85
METHOD:		EPA 335.2

COMPILED BY: Judith A. Porta
Judith A. Porta
Laboratory Operations Manager
WESTON Analytical Laboratories

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: September 17, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: September 5, 1985 DATE RECEIVED: September 6, 1985

FW NO.: 8509-930-0010 DATE ANALYZED: September 17, 1985

AMPLE DESCRIPTION: PW-1

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: September 17, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: September 5, 1985 DATE RECEIVED: September 6, 1985

FW NO.: 8509-930-0020 DATE ANALYZED: September 17, 1985

AMPLE DESCRIPTION: PW-3

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	7.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
,1-DICHLOROETHYLENE	< 2.0		
,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: September 17, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: September 5, 1985 DATE RECEIVED: September 6, 1985

FW NO.: 8509-930-0030 DATE ANALYZED: September 17, 1985

AMPLE DESCRIPTION: PW-4

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: September 17, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: September 5, 1985 DATE RECEIVED: September 6, 1985

RFW NO.: 8509-930-0040 DATE ANALYZED: September 17, 1985

SAMPLE DESCRIPTION: PW-5

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	15.3
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLORODETHANE	< 2.0
CHLOROFORM	10.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	2.6
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	2.0
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 17, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: September 5, 1985

DATE RECEIVED: September 6, 1985

RFW NO.: 8509-930-0050

DATE ANALYZED: September 17, 1985

SAMPLE DESCRIPTION: PW-6

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 17, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: September 5, 1985 DATE RECEIVED: September 6, 1985

RFW NO.: 8509-930-0070 DATE ANALYZED: September 17, 1985

SAMPLE DESCRIPTION: RFW-22

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 17, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

FW NO.: 8509-930/

DATE ANALYZED: September 17, 1985

AMPLE DESCRIPTION: LAB METHOD BLANK (WATER)

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< .0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
,1-DICHLOROETHYLENE	< 2.0		
,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

ETECTION LIMITS ARE INDICATED BY
"LESS THAN" SIGNS

Approved By Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: September 17, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

FW NO.: 8509-930/SPIKE

DATE ANALYZED: September 17, 1985

AMPLE DESCRIPTION: METHOD BLANK SPIKE

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE *	101% RECOVERY
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM *	123% RECOVERY	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE *	109% RECOVERY
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

* = SPIKED COMPOUND

Approved By Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

inter-office memorandum

TO: Glenn Smart
Dick Kraybill
Kass Sheedy
Rich Johnson

DATE: September 13, 1985

FROM: Earl Hansen

SUBJECT: PEASE A.F.B
SUMMARY REPORT FOR
WATER SAMPLES REC'D AUGUST 8, 1985

W. O. No.: 0628-09-05

Enclosed are the results for the above-referenced samples. The rest will follow shortly. If you have any questions, please don't hesitate to call.

EH/eb

WESTON

DATE OF REPORT: September 13, 1985

PEASE A.F.B.
INORGANICS SUMMARY REPORT
FOR
WATER SAMPLES RECEIVED AUGUST 8, 1985
W.O. NO. 0628-09-09

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	CN^- DATE ANALYZED	CN^- CONC. mg/L	OIL & GREASE DATE ANALYZED	OIL & GREASE CONC. mg/L
8508-818-0010	SW-8	8-6-85	8-16-85	<0.01	8-12-85	0.15
-0020	SW-9	8-6-85	8-16-85	<0.01	8-12-85	0.14
-0030	SW-2	8-6-85	8-16-85	<0.01	8-12-85	0.33
-0040	SW-3	8-6-85	8-16-85	0.02	8-12-85	1.31
-0050	SW-7	8-6-85	8-16-85	<0.01	8-12-85	0.17
-0060	SW-4	8-6-85	8-16-85	<0.01	8-12-85	<0.10
-0070	SW-5	8-6-85	8-16-85	<0.01	8-12-85	<0.10
-0080	SW-6	8-6-85	8-16-85	<0.01	---	N.R.
-0090	SW-1	8-6-85	---	N.R.	8-12-85	0.11
-0100	SW-10	8-6-85	---	N.R.	8-12-85	2.41
-0110	SW-11	8-6-85	---	N.R.	8-12-85	0.31
-0120	SW-12	8-6-85	---	N.R.	8-12-85	6.24
-0130	SW-13	8-6-85	---	N.R.	8-12-85	<0.10
-0140	SW-14	8-6-85	---	N.R.	8-12-85	<0.10
-0150	SW-15	8-6-85	---	N.R.	8-12-85	<0.10
-0160	SW-16	8-6-85	---	N.R.	8-12-85	<0.10
N.R. = NOT REQUESTED						
DETECTION LIMIT:				0.01		0.10
EPA METHOD:				335.2		413.2
EPA RECOMMENDED HOLDING TIMES:				14 DAYS		28 DAYS

WESTON

DATE OF REPORT: September 13, 1985

PEASE A.F.B. (AUGUST 8, 1985 SAMPLES)(CON'T) PG. 2

R.F.W. NO.	SAMPLE DESCRIPTION	PHENOLICS mg/L	TOX ug/L
8508-818-0020	SW-9	<0.005	N.R.
8508-818/BLANK	LAB BLANK	<0.005	N.R.
8508-818/SPIKE	BLANK SPIKE	97% RECOVERY	N.R.
8508-818-0100	SW-10	N.R.	2630
DETECTION LIMIT:		0.005	5
DATE COLLECTED:		8-6-85	8-6-85
DATE ANALYZED:		8-14-85	8-19-85
EPA METHOD:		420.1	450.1
EPA RECOMMENDED HOLDING TIME:		28 DAYS	21 DAYS

COMPILED BY: Judith A. Porta
Judith A. Porta
Laboratory Operations Manager
WESTON Analytical Laboratories

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

PEASE A.F.B.
HERBICIDE SUMMARY REPORT
FOR
SAMPLES REC'D AUG. 8, AUG. 9 and AUG. 12, 1985
W.O. NO. 0628-09-09

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE EXTRACTED	DATE ANALYZED	2,4-D µg/L	2,4,5-TP µg/L	2,4,5-T µg/L
8508-818-0030	SW-2	8-6-85	8-12-85	8-15-85	<10	<1	<1
-0040	SW-3	8-6-85	8-12-85	8-15-85	<10	<1	<1
-0050	SW-7	8-6-85	8-12-85	8-15-85	<10	<1	<1
-0060	SW-4	8-6-85	8-12-85	8-15-85	<10	<1	<1
-0070	SW-5	8-6-85	8-12-85	8-15-85	<10	<1	<1
-0080	SW-6	8-6-85	8-12-85	8-15-85	<10	<1	<1
-0130	SW-13	8-6-85	8-12-85	8-15-85	<10	<1	<1
-0140	SW-14	8-6-85	8-12-85	8-15-85	<10	<1	<1
-0150	SW-15	8-6-85	8-12-85	8-15-85	<10	<1	<1
-0160	SW-16	8-6-85	8-12-85	8-15-85	<10	<1	<1
8505-818/	LAB BLANK	------	8-12-85	8-15-85	<10	<1	<1
8505-824-0200	R.F.W.6	8-7-85	8-12-85	8-15-85	<10	<1	<1
-0210	R.F.W.7	8-7-85	8-12-85	8-15-85	<10	<1	<1
8508-826-0010	R.F.W.38	8-8-85	8-12-85	8-15-85	<10	<1	<1
-0140	R.F.W.5	8-8-85	8-12-85	8-15-85	<10	<1	<1
-0150	R.F.W.8	8-8-85	8-12-85	8-15-85	<10	<1	<1
8508-826/	LAB BLANK	------	8-12-85	8-15-85	<10	<1	<1
8508-818,824,826/ SPIKE	BLANK SPIKE	------	8-12-85	8-15-85	97% REC.	83% REC.	70% REC.
8508-818,824,826/ SPIKE DUP.	BLANK SPIKE DUPLICATE	------	8-12-85	8-15-85	92% REC.	87% REC.	89% REC.
DETECTION LIMITS:					10	1	1
METHOD:					SM509B	SM509B	SM509B

COMPILED BY: Judith A Porta
Judith A. Porta
Laboratory Operations Manager
WESTON Analytical Laboratories

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818-0030
SAMPLE DESCRIPTION: SW-2

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration µg/L x
mg/L
Other

Aldrin	<2	PCB 1232	<50
a-BHC	<2	PCB 1248	<50
B-BHC	<2	PCB 1260	<50
ϒ-BHC	<2	PCB 1016	<50
∂-BHC	<2	Toxaphene	<100
Chlordane	<20	Other	
4,4' DDT	<5	ENDRIN KETONE	<5
4,4' DDE	<5	METHOXYCHLOR	<20
4,4' DDD	<5		
Dieldrin	<5		
a-Endosulfan	<2		
B-Endosulfan	<5		
Endosulfan Sulfate	<5		
Endrin	<5		
Endrin Aldehyde	<5		
Heptachlor	<2		
Heptachlor Expoxide	<2		
PCB-1242	<50		
PCB-1254	<50		
PCB-1221	<100		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818-0050
SAMPLE DESCRIPTION: SW-7

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration µg/L x
mg/L
Other

Aldrin	<2	PCB 1232	<50
a-BHC	<2	PCB 1248	<50
B-BHC	<2	PCB 1260	<50
ϒ-BHC	<2	PCB 1016	<50
∂-BHC	<2	Toxaphene	<100
Chlordane	<20	Other	
4,4' DDT	14	ENDRIN KETONE	<5
4,4' DDE	<5	METHOXYCHLOR	<20
4,4' DDD	5		
Dieldrin	<5		
a-Endosulfan	<2		
B-Endosulfan	<5		
Endosulfan Sulfate	<5		
Endrin	<5		
Endrin Aldehyde	<5		
Heptachlor	<2		
Heptachlor Expoxide	<2		
PCB-1242	<50		
PCB-1254	<50		
PCB-1221	<100		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818-0040
SAMPLE DESCRIPTION: SW-3

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration µg/L x
mg/L
Other

Aldrin	<2	PCB 1232	<50
a-BHC	<2	PCB 1248	<50
B-BHC	<2	PCB 1260	<50
ɣ-BHC	<2	PCB 1016	<50
ẟ-BHC	<2	Toxaphene	<100
Chlordane	<20	Other	
4,4' DDT	<5	ENDRIN KETONE	<5
4,4' DDE	<5	METHOXYCHLOR	<20
4,4' DDD	<5		
Dieldrin	<5		
a-Endosulfan	<2		
B-Endosulfan	<5		
Endosulfan Sulfate	<5		
Endrin	<5		
Endrin Aldehyde	<5		
Heptachlor	<2		
Heptachlor Expoxide	<2		
PCB-1242	<50		
PCB-1254	<50		
PCB-1221	<100		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: SEPTEMBER 3, 1985

ATA SUMMARY FOR: PEASE A.F.B.
ATE SAMPLE COLLECTED: AUGUST 6, 1985
FW NO.: 8508-818-0060
AMPLE DESCRIPTION: SW-4

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration ug/l X
mg/l
Other

Aldrin	<0.2	PCB 1232	<5
a-BHC	<0.2	PCB 1248	<5
B-BHC	<0.2	PCB 1260	<5
ɣ-BHC	<0.2	PCB 1016	<5
∂-BHC	<0.2	Toxaphene	<10
Chlordane	<2	Other	
4,4' DDT	<0.5	Endrin ketone	<0.5
4,4' DDE	<0.5	Methoxychlor	<2
4,4' DDD	<0.5		
Dieldrin	<0.5		
a-Endosulfan	<0.2		
B-Endosulfan	<0.5		
Endosulfan Sulfate	<0.5		
Endrin	<0.5		
Endrin Aldehyde	<0.5		
Heptachlor	<0.2		
Heptachlor Expoxide	<0.2		
PCB-1242	<5		
PCB-1254	<5		
PCB-1221	<10		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818-0070
SAMPLE DESCRIPTION: SW-5

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration ug/L X
mg/L
Other

Aldrin	<0.2	PCB 1232	<5
a-BHC	<0.2	PCB 1248	<5
B-BHC	<0.2	PCB 1260	<5
ɣ-BHC	<0.2	PCB 1016	<5
ɗ-BHC	<0.2	Toxaphene	<10
Chlordane	<2	Other	
4,4' DDT	<0.5	Endrin ketone	<0.5
4,4' DDE	<0.5	Methoxychlor	<2
4,4' DDD	<0.5		
Dieldrin	<0.5		
a-Endosulfan	<0.2		
B-Endosulfan	<0.5		
Endosulfan Sulfate	<0.5		
Endrin	<0.5		
Endrin Aldehyde	<0.5		
Heptachlor	<0.2		
Heptachlor Expoxide	<0.2		
PCB-1242	<5		
PCB-1254	<5		
PCB-1221	<10		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
NFW NO.: 8508-818-0080
SAMPLE DESCRIPTION: SW-6

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration µg/L X
mg/L
Other

Aldrin	<0.2	PCB 1232	<5
a-BHC	<0.2	PCB 1248	<5
B-BHC	<0.2	PCB 1260	<5
ɣ-BHC	<0.2	PCB 1016	<5
∂-BHC	<0.2	Toxaphene	<10
Chlordane	<2	Other	
4,4' DDT	<0.5	Endrin ketone	<0.5
4,4' DDE	<0.5	Methoxychlor	<2
4,4' DDD	<0.5		
Dieldrin	<0.5		
a-Endosulfan	<0.2		
B-Endosulfan	<0.5		
Endosulfan Sulfate	<0.5		
Endrin	<0.5		
Endrin Aldehyde	<0.5		
Heptachlor	<0.2		
Heptachlor Expoxide	<0.2		
PCB-1242	<5		
PCB-1254	<5		
PCB-1221	<10		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818-0080
SAMPLE DESCRIPTION: SW-6

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration µg/l X
mg/l
Other

Aldrin	<0.2	PCB 1232	<5
a-BHC	<0.2	PCB 1248	<5
B-BHC	<0.2	PCB 1260	<5
ɣ-BHC	<0.2	PCB 1016	<5
ẟ-BHC	<0.2	Toxaphene	<10
Chlordane	<2	Other	
4,4' DDT	<0.5	Endrin ketone	<0.5
4,4' DDE	<0.5	Methoxychlor	<2
4,4' DDD	<0.5		
Dieldrin	<0.5		
a-Endosulfan	<0.2		
B-Endosulfan	<0.5		
Endosulfan Sulfate	<0.5		
Endrin	<0.5		
Endrin Aldehyde	<0.5		
Heptachlor	<0.2		
Heptachlor Expoxide	<0.2		
PCB-1242	<5		
PCB-1254	<5		
PCB-1221	<10		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUBMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818-0130
SAMPLE DESCRIPTION: SW-13

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration µg/L X
mg/L
Other

Aldrin	<0.2	PCB 1232	<5
a-BHC	<0.2	PCB 1248	<5
B-BHC	<0.2	PCB 1260	<5
ϒ-BHC	<0.2	PCB 1016	<5
δ-BHC	<0.2	Toxaphene	<10
Chlordane	<2	Other	
4,4' DDT	<0.5	Endrin ketone	<0.5
4,4' DDE	<0.5	Methoxychlor	<2
4,4' DDD	<0.5		
Dieldrin	<0.5		
a-Endosulfan	<0.2		
B-Endosulfan	<0.5		
Endosulfan Sulfate	<0.5		
Endrin	<0.5		
Endrin Aldehyde	<0.5		
Heptachlor	<0.2		
Heptachlor Expoxide	<0.2		
PCB-1242	<5		
PCB-1254	<5		
PCB-1221	<10		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818-0140
SAMPLE DESCRIPTION: SW-14

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration ug/L X
mg/L
Other

Aldrin	<0.2	PCB 1232	<5
a-BHC	<0.2	PCB 1248	<5
B-BHC	<0.2	PCB 1260	<5
ℽ-BHC	<0.2	PCB 1016	<5
∂-BHC	<0.2	Toxaphene	<10
Chlordane	<2	Other	
4,4' DDT	<0.5	Endrin ketone	<0.5
4,4' DDE	<0.5	Methoxychlor	<2
4,4' DDD	<0.5		
Dieldrin	<0.5		
a-Endosulfan	<0.2		
B-Endosulfan	<0.5		
Endosulfan Sulfate	<0.5		
Endrin	<0.5		
Endrin Aldehyde	<0.5		
Heptachlor	<0.2		
Heptachlor Expoxide	<0.2		
PCB-1242	<5		
PCB-1254	<5		
PCB-1221	<10		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818-0150
SAMPLE DESCRIPTION: SW-15

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration µg/l X
mg/l
Other

Aldrin	<0.2	PCB 1232	<5
a-BHC	<0.2	PCB 1248	<5
B-BHC	<0.2	PCB 1260	<5
ℽ-BHC	<0.2	PCB 1016	<5
∂-BHC	<0.2	Toxaphene	<10
Chlordane	<2	Other	
4,4' DDT	<0.5	Endrin ketone	<0.5
4,4' DDE	<0.5	Methoxychlor	<2
4,4' DDD	<0.5		
Dieldrin	<0.5		
a-Endosulfan	<0.2		
B-Endosulfan	<0.5		
Endosulfan Sulfate	<0.5		
Endrin	<0.5		
Endrin Aldehyde	<0.5		
Heptachlor	<0.2		
Heptachlor Expoxide	<0.2		
PCB-1242	<5		
PCB-1254	<5		
PCB-1221	<10		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818-0160
SAMPLE DESCRIPTION: SW-16

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration µg/l X
mg/l
Other

Aldrin	<0.2	PCB 1232	<5
a-BHC	<0.2	PCB 1248	<5
B-BHC	<0.2	PCB 1260	<5
ɣ-BHC	<0.2	PCB 1016	<5
ẟ-BHC	<0.2	Toxaphene	<10
Chlordane	<2	Other	
4,4' DDT	<0.5	Endrin ketone	<0.5
4,4' DDE	<0.5	Methoxychlor	<2
4,4' DDD	<0.5		
Dieldrin	<0.5		
a-Endosulfan	<0.2		
B-Endosulfan	<0.5		
Endosulfan Sulfate	<0.5		
Endrin	<0.5		
Endrin Aldehyde	<0.5		
Heptachlor	<0.2		
Heptachlor Expoxide	<0.2		
PCB-1242	<5		
PCB-1254	<5		
PCB-1221	<10		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818/
SAMPLE DESCRIPTION: LAB METHOD BLANK (WATER)

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration µg/l X
mg/l
Other

Aldrin	<0.2	PCB 1232	<5
a-BHC	<0.2	PCB 1248	<5
B-BHC	<0.2	PCB 1260	<5
Y-BHC	<0.2	PCB 1016	<5
d-BHC	<0.2	Toxaphene	<10
Chlordane	<2	Other	
4,4' DDT	<0.5	Endrin ketone	<0.5
4,4' DDE	<0.5	Methoxychlor	<2
4,4' DDD	<0.5		
Dieldrin	<0.5		
a-Endosulfan	<0.2		
B-Endosulfan	<0.5		
Endosulfan Sulfate	<0.5		
Endrin	<0.5		
Endrin Aldehyde	<0.5		
Heptachlor	<0.2		
Heptachlor Expoxide	<0.2		
PCB-1242	<5		
PCB-1254	<5		
PCB-1221	<10		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

APPROVED BY: Earl M. Hansen
Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818/SPIKE
SAMPLE DESCRIPTION: METHOD BLANK SPIKE

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration ug/L X
mg/L
Other

Aldrin *	56% RECOVERY	PCB 1232	<5
a-BHC	<0.2	PCB 1248	<5
B-BHC	<0.2	PCB 1260	<5
ɣ-BHC*	82% RECOVERY	PCB 1016	<5
ẟ-BHC	<0.2	Toxaphene	<10
Chlordane	<2	Other	
4,4' DDT*	119% RECOVERY	Endrin ketone	<0.5
4,4' DDE	<0.5	Methoxychlor	<2
4,4' DDD	<0.5		
Dieldrin*	86% RECOVERY		
a-Endosulfan	<0.2		
B-Endosulfan	<0.5		
Endosulfan Sulfate	<0.5		
Endrin *	97% RECOVERY		
Endrin Aldehyde	<0.5		
Heptachlor *	89% RECOVERY		
Heptachlor Expoxide	<0.2		
PCB-1242	<5		
PCB-1254	<5		
PCB-1221	<10		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS
* = SPIKED COMPOUND

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: SEPTEMBER 3, 1985

DATA SUMMARY FOR: PEASE A.F.B.
DATE SAMPLE COLLECTED: AUGUST 6, 1985
RFW NO.: 8508-818/SPIKE DUP.
SAMPLE DESCRIPTION: METHOD BLANK SPIKE DUP.

DATE EXTRACTED: AUGUST 9, 1985
DATE ANALYZED: AUGUST 13, 1985

GC
PESTICIDES
EPA METHOD 608

Units of Concentration ug/l X
mg/l
Other

Aldrin *	43% RECOVERY	PCB 1232	<5
a-BHC	<0.2	PCB 1248	<5
B-BHC	<0.2	PCB 1260	<5
ℽ-BHC *	79% RECOVERY	PCB 1016	<5
∂-BHC	<0.2	Toxaphene	<10
Chlordane	<2	Other	
4,4' DDT *	131% RECOVERY	Endrin ketone	<0.5
4,4' DDE	<0.5	Methoxychlor	<2
4,4' DDD	<0.5		
Dieldrin *	81% RECOVERY		
a-Endosulfan	<0.2		
B-Endosulfan	<0.5		
Endosulfan Sulfate	<0.5		
Endrin *	92% RECOVERY		
Endrin Aldehyde	<0.5		
Heptachlor *	83% RECOVERY		
Heptachlor Expoxide	<0.2		
PCB-1242	<5		
PCB-1254	<5		
PCB-1221	<10		

DETECTION LIMIT INDICATED BY LESS THAN SIGNS

* = SPIKED COMPOUND

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 10, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 8, 1985

DATE RECEIVED: August 12, 1985

DATE ANALYZED: August 16, 1985

RFW NO.: 8508-826-0010

SAMPLE DESCRIPTION: RFW-38

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: September 10, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 8, 1985 DATE RECEIVED: August 12, 1985

RFW NO.: 8508-826-0010 DUP. DATE ANALYZED: August 16, 1985

SAMPLE DESCRIPTION: RFW-38 (LAB DUPLICATE)

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 10, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 9, 1985

DATE RECEIVED: August 12, 1985

DATE ANALYZED: August 16, 1985

RFW NO.: 8508-826-0120

SAMPLE DESCRIPTION: RFW-21

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	4.3
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 10, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: August 9, 1985

DATE RECEIVED: August 12, 1985

RFW NO.: 8508-826-0130

DATE ANALYZED: August 16, 1985

SAMPLE DESCRIPTION: RFW-23

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	3.6
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORODETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 10, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

RFW NO.: 8508-826/

DATE ANALYZED: August 16, 1985

SAMPLE DESCRIPTION: LAB METHOD BLANK (WATER)

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: September 10, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

RFW NO.: 8508-826/SPIKE

DATE ANALYZED: August 16, 1985

SAMPLE DESCRIPTION: METHOD BLANK SPIKE

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	114% RECOVERY
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	97% RECOVERY
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	157% RECOVERY
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

inter-office memorandum

TO: Glenn Smart

DATE: August 26, 1985

cc: Earl Hansen
Judy Porta
Kass Sheedy

FROM: Les Eng

SUBJECT: PEASE A.F.B. CHROMIUM RESULTS

W. O. No.:

Chromium results provided to you (Memo dated June 5, 1985) for lots 8503-271, -272 and -277 have been found to be in error. Those results were obtained from initial high level screening of the samples and represent concentrations below the calibrated instrument range. Consequently, results should be considered invalid.

Correct concentrations were obtained from subsequent analyses and are attached. We regret the inconvenience that may have been caused. Should you have any questions, do not hesitate to call.

WESTON

DATE OF REPORT: August 26, 1985

PEASE A.F.B
CHROMIUM RESULTS

RFWSN	SAMPLE	Cr (ug/L)
8503-271-0020	SW-2	<50
-0030	SW-3	<50
-0040	SW-4	<50
-0050	SW-6	<50
-0060	SW-7	<50
-0070	SW-8	<50
-0080	SW-9	<50
-0140	SW-13	<50
-0150	SW-14	<50
-0160	SW-15	<50
-0170	SW-16	<50
8503-277-0070	SW-19	<50
-0080	SW-20	<50
8503-272-0010	SW-21	<50
-0020	SW-22	<50
-0040	SW-24	<50
8503-277-0140	SW-25	<50
-0090	SW-26	<50
-0100	SW-27	<50
-0110	SW-28	<50
-0130	SW-29	<50
8503-272-0030	SW-30	<50
8503-277-0120	SW-31	<50
8503-271-0130	SW-32	<50
8503-272-0050	SW-34	<50
8503-277-0010	PW-1	<50
-0020	PW-2	<50
-0030	PW-3	<50
-0040	PW-4	<50
-0050	PW-5	<50
-0060	PW-6	<50

inter-office memorandum

TO: Glenn Smart
Dick Kraybill
Kass Sheedy
Rich Johnson

DATE: July 9, 1985

cc: Earl M. Hansen (MEMO ONLY)

FROM: Judy Porta JP

SUBJECT: FINAL REPORT
PEASE A.F.B.

W. O. No.: 0628-09-05

Enclosed is the final report for PEASE A.F.B. If you have any questions, please don't hesitate to call.

WESTON

DATE OF REPORT: JUNE 13, 1985

PEASE A.F.B.
INORGANIC SUMMARY REPORT
FOR
WATER SAMPLES REC'D MAY 1-MAY 9, 1985
W.O. NO. 0628-09-05

I. OIL AND GREASE (O/G) ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE RECEIVED	DATE ANALYZED	OIL & GREASE, mg/L
8505-458-0010	RFW-1	4-29-85	5-1-85	5-3-85	0.61
-0020	RFW-2	4-29-85	5-1-85	5-3-85	0.52
-0030	RFW-3	4-29-85	5-1-85	5-3-85	0.49
-0040	RFW-4	4-29-85	5-1-85	5-3-85	0.34
-0050	RFW-5	4-29-85	5-1-85	5-3-85	0.68
-0060	RFW-6	4-29-85	5-1-85	5-3-85	0.32
-0070	RFW-7	4-29-85	5-1-85	5-3-85	< 0.20
-0080	RFW-8	4-29-85	5-1-85	5-3-85	0.36
8505-465-0010	RFW-9	4-30-85	5-2-85	5-9-85	0.14
8505-470-0010	RFW-10	5-1-85	5-3-85	5-9-85	134
-0020	RFW-11	5-1-85	5-3-85	5-9-85	2.09
-0030	RFW-12	5-1-85	5-3-85	5-9-85	0.86
-0040	RFW-13	5-1-85	5-3-85	5-9-85	2.13
-0050	RFW-14	5-1-85	5-3-85	5-9-85	0.26
-0060	RFW-15	5-1-85	5-3-85	5-9-85	0.31
-0100	RFW-16	5-2-85	5-3-85	5-9-85	0.49
-0110	RFW-17	5-2-85	5-3-85	5-9-85	0.59
8505-492-0010	RFW-18	5-7-85	5-9-85	5-15-85	0.50
-0030	RFW-19	5-7-85	5-9-85	5-15-85	0.32
-0040	RFW-20	5-7-85	5-9-85	5-15-85	0.50
8505-470-0080	RFW-21	5-2-85	5-3-85	5-9-85	1.14
-0090	RFW-22	5-2-85	5-3-85	5-9-85	0.35
8505-492-0050	RFW-23	5-7-85	5-9-85	5-15-85	< 0.10
8505-484-0060	RFW-24	5-6-85	5-8-85	5-15-85	0.47
-0050	RFW-25	5-6-85	5-8-85	5-15-85	3.29
-0030	RFW-26	5-6-85	5-8-85	5-15-85	0.45
-0020	RFW-27	5-6-85	5-8-85	5-15-85	2.14
-0010	RFW-28	5-6-85	5-8-85	SAMPLE BOTTLE BROKEN WHEN REC'D	

WESTON

DATE OF REPORT: JUNE 13, 1985

PEASE A.F.B. (WATER SAMPLES-CON'T) PG. 2

I. OIL AND GREASE (CON'T)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE RECEIVED	DATE ANALYZED	OIL & GREASE, mg/L
8505-492-0060	RFW-29	5-7-85	5-9-85	5-17-85	0.35
-0070	RFW-30	5-7-85	5-9-85	5-15-85	0.55
-0080	RFW-31	5-7-85	5-9-85	5-15-85	1.02
8505-465-0020	RFW-32	4-30-85	5-2-85	5-9-85	0.45
8505-470-0070	RFW-33	5-1-85	5-3-85	5-9-85	0.89
8505-465-0030	RFW-34	4-30-85	5-2-85	5-9-85	1.53
-0040	RFW-35	4-30-85	5-2-85	5-9-85	0.75
8505-470-0120	RFW-39	5-2-85	5-3-85	5-9-85	0.62
8505-492-0020	RFW-40	5-7-85	5-9-85	5-15-85	0.30
8505-484-0040	RFW-41	5-6-85	5-8-85	5-15-85	0.34

NOTE: NO SAMPLES WERE REC'D IDENTIFIED AS RFW-36, RFW-37, AND RFW-38.

b) All samples were analyzed using EPA METHOD 413.2 within the EPA recommended holding time of 28 days. The requested detection limit of 100 ug/L (0.100 mg/L) was achieved.

II. TOTAL CYANIDE (CN^-) ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE RECEIVED	DATE ANALYZED	TOTAL CYANIDE, mg/L
8505-458-0050	RFW-5	4-29-85	5-1-85	5-10-85	< 0.02
-0060	RFW-6	4-29-85	5-1-85	5-10-85	< 0.02
-0070	RFW-7	4-29-85	5-1-85	5-10-85	< 0.02
-0080	RFW-8	4-29-85	5-1-85	5-10-85	< 0.02
8505-465-0010	RFW-9	4-30-85	5-2-85	5-10-85	< 0.02
8505-492-0060	RFW-29	5-7-85	5-9-85	5-16-85	< 0.02
-0070	RFW-30	5-7-85	5-9-85	5-16-85	< 0.02

NOTE: NO OTHER SAMPLES WERE SUBMITTED FOR TOTAL CYANIDE ANALYSIS.

b) These samples were analyzed using EPA METHOD 335.2. This method has a sensitivity of 20 ug/L, therefore the requested detection limit of 10 ug/L was not achieved. All samples were analyzed within the EPA recommended holding time of 14 days.

WESTON

DATE OF REPORT: JUNE 13, 1985

PEASE A.F.B. (WATER SAMPLES - CON'T.) PG.3

III. TOTAL PHENOLICS ANALYSIS
a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOTAL PHENOLICS, mg/L
8505-458-0050	RFW-5	4-29-85	5-1-85	5-9-85	<0.005
-0060	RFW-6	4-29-85	5-1-85	5-9-85	<0.005
-0060 D	RFW-6 (LAB DUP)	4-29-85	5-1-85	5-9-85	<0.005
-0070	RFW-7	4-29-85	5-1-85	5-9-85	<0.005
-0080	RFW-8	4-29-85	5-1-85	5-9-85	<0.005
8505-458/	LAB BLANK	------	------	5-9-85	<0.005
8505-468/SPIKE	D.I. WATER SPIKE	------	------	5-9-85	101% RECOVERY
8505-465-0010	RFW-9	4-30-85	5-2-85	5-15-85	<0.005
8505-492-0010	RFW-18	5-7-85	5-9-85	5-15-85	<0.005
-0030	RFW-19	5-7-85	5-9-85	5-15-85	<0.005
-0040	RFW-20	5-7-85	5-9-85	5-15-85	<0.005
-0040 D	RFW-20 (LAB DUP)	5-7-85	5-9-85	5-15-85	<0.005
8505-470-0080	RFW-21	5-2-85	5-3-85	5-15-85	<0.005
-0090	RFW-22	5-2-85	5-3-85	5-15-85	<0.005
-0090 D	RFW-22 (LAB DUP)	5-2-85	5-3-85	5-15-85	<0.005
8505-470/	LAB BLANK	------	------	5-15-85	<0.005
8505-470/SPIKE	D.I. WATER SPIKE	------	------	5-15-85	104% RECOVERY
8505-492-0050	RFW-23	5-7-85	5-9-85	5-15-85	<0.005
8505-484-0060	RFW-24	5-6-85	5-8-85	5-15-85	<0.005
-0060 D	RFW-24 (LAB DUP.)	5-6-85	5-8-85	5-15-85	0.006
8505-492-0060	RFW-29	5-7-85	5-9-85	5-15-85	<0.005
-0070	RFW-30	5-7-85	5-9-85	5-15-85	<0.005
-0080	RFW-31	5-7-85	5-9-85	5-15-85	<0.005
8505-465-0020	RFW-32	4-30-85	5-2-85	5-15-85	<0.005
8505-470-0070	RFW-33	5-1-85	5-3-85	5-15-85	0.033

PEASE A.F.B. (WATER SAMPLES - CON'T.) PG. 4

III. TOTAL PHENOLICS (CON'T.)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOTAL PHENOLICS, mg/L
8505-465-0030	RFW-34	4-30-85	5-2-85	5-15-85	0.350
-0030 D	RFW-34 (LAB DUP)	4-30-85	5-2-85	5-15-85	0.358
-0040	RFW-35	4-30-85	5-2-85	5-15-85	0.454
8505-465/	LAB BLANK	------	------	5-15-85	<0.005
8505-465/SPIKE	D.I. WATER SPIKE	------	------	5-15-85	103% RECOVERY
8505-492-0020	RFW-40	5-7-85	5-9-85	5-15-85	0.006
8505-492/	LAB BLANK	------	------	5-15-85	<0.005
8505-492/SPIKE	D.I. WATER SPIKE	------	------	5-15-85	103% RECOVERY

NOTE: NO SAMPLES WERE RECEIVED IDENTIFIED AS RFW-36, RFW-37, AND RFW-38. TOTAL PHENOLICS ANALYSIS WAS NOT REQUESTED FOR SAMPLES RFW 1-4, RFW 10-17, RFW 25-28, RFW 39 AND RFW 41.

b) All samples were analyzed using EPA METHOD 420.1 within the EPA recommended holding time of 28 days between date of collection and date of analysis. As per the memo of March 5, 1985, this method is sensitive to 5 µg/L; therefore the requested detection limit of 1 µg/L was not achieved.

WESTON

DATE OF REPORT: JUNE 13, 1985

PEASE A.F.B. (WATER SAMPLES-CON'T.) PG. 5

IV. TOTAL ORGANIC CARBON (TOC) ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOC, mg/L
8505-458-0010	RFW-1	4-29-85	5-1-85	5-8-85	2.7
-0020	RFW-2	4-29-85	5-1-85	5-8-85	4.1
-0030	RFW-3	4-29-85	5-1-85	5-8-85	0.9
-0040	RFW-4	4-29-85	5-1-85	5-8-85	2.1
-0050	RFW-5	4-29-85	5-1-85	5-8-85	1.0
-0060	RFW-6	4-29-85	5-1-85	5-8-85	1.7
-0070	RFW-7	4-29-85	5-1-85	5-8-85	3.2
-0070 D	RFW-7 (LAB DUP)	4-29-85	5-1-85	5-8-85	3.5
-0080	RFW-8	4-29-85	5-1-85	5-8-85	2.4
8505-465-0010	RFW-9	4-30-85	5-2-85	5-8-85	0.8
8505-470-0010	RFW-10	5-1-85	5-3-85	5-8-85	1.2
-0020	RFW-11	5-1-85	5-3-85	5-8-85	39.4
8505-470/	LAB BLANK	------	------	5-8-85	<0.5
8505-470/SPIKE	D.I.WATER SPIKE	----	------	5-8-85	102% RECOVERY
-0030	RFW-12	5-1-85	5-3-85	5-15-85	0.8
-0040	RFW-13	5-1-85	5-3-85	5-15-85	3.3
-0050	RFW-14	5-1-85	5-3-85	5-15-85	1.6
-0060	RFW-15	5-1-85	5-3-85	5-15-85	1.3
-0100	RFW-16	5-2-85	5-3-85	5-15-85	0.9
-0110	RFW-17	5-2-85	5-3-85	NOT REQUESTED	
8505-492-0010	RFW-18	5-7-85	5-9-85	5-16-85	0.6
-0030	RFW-19	5-7-85	5-9-85	5-16-85	1.3
-0040	RFW-20	5-7-85	5-9-85	5-16-85	1.7
8505-470-0080	RFW-21	5-2-85	5-3-85	5-15-85	0.9
-0090	RFW-22	5-2-85	5-3-85	5-15-85	0.8
8505-492-0050	RFW-23	5-7-85	5-9-85	5-16-85	0.9
8505-484-0060	RFW-24	5-6-85	5-8-85	5-15-85	<0.5
8505-484-0010	RFW-28	5-6-85	5-8-85	5-15-85	0.8
8505-492-0060	RFW-29	5-7-85	5-9-85	5-16-85	9.1
-0070	RFW-30	5-7-85	5-9-85	5-16-85	1.1
-0080	RFW-31	5-7-85	5-9-85	5-16-85	12.5
8505-465-0020	RFW-32	4-30-85	5-2-85	5-8-85	5.2
8505-470-0070	RFW-33	5-1-85	5-3-85	5-15-85	32
8505-465-0030	RFW-34	4-30-85	5-2-85	5-8-85	248
-0040	RFW-35	4-30-85	5-2-85	5-8-85	339
8505-492-0020	RFW-40	5-7-85	5-9-85	5-16-85	0.6

NOTE: NO SAMPLES WERE RECEIVED IDENTIFIED AS RFW 36, RFW 37 and RFW 38. TOC ANALYSIS WAS NOT REQUESTED FOR SAMPLES RFW 25, RFW 26, RFW 27, RFW 39, AND RFW 41.

b) All samples were analyzed using EPA METHOD 415.2 within the EPA recommended holding time of 28 days between date of collection and date of analysis. The requested detection limit of 500 µg/L was achieved.

WESTON

DATE OF REPORT: JUNE 13, 1985

PEASE A.F.B. (WATER SAMPLES - CON'T.) PG. 6

V. TOTAL ORGANIC HALOGEN (TOX) ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOX, µg/L
8505-458-0010	RFW-1	4-29-85	5-1-85	5-8-85	17
-0020	RFW-2	4-29-85	5-1-85	5-8-85	36
-0030	RFW-3	4-29-85	5-1-85	5-8-85	<5
-0040	RFW-4	4-29-85	5-1-85	5-8-85	5
-0050	RFW-5	4-29-85	5-1-85	5-8-85	11
-0060	RFW-6	4-29-85	5-1-85	5-8-85	28
-0070	RFW-7	4-29-85	5-1-85	5-8-85	40
-0070 DUP	RFW-7 DUP	4-29-85	5-1-85	5-8-85	26
-0080	RFW-8	4-29-85	5-1-85	5-8-85	7
-0080 (SPIKE)	RFW-8 (MATRIX SPIKE)	4-29-85	5-1-85	5-8-85	91% RECOVERY
8505-465-0010	RFW-9	4-30-85	5-2-85	5-14-85	11
8505-470-0010	RFW-10	5-1-85	5-3-85	5-14-85	140
-0020	RFW-11	5-1-85	5-3-85	5-14-85	27
-0030	RFW-12	5-1-85	5-3-85	5-15-85	6
-0040	RFW-13	5-1-85	5-3-85	5-15-85	8
-0050	RFW-14	5-1-85	5-3-85	5-15-85	5
-0050 (SPIKE)	RFW-14 (MATRIX SPIKE)	5-1-85	5-3-85	5-15-85	99% RECOVERY
-0060	RFW-15	5-1-85	5-3-85	5-15-85	12
-0100	RFW-16	5-2-85	5-3-85	5-16-85	12
8505-492-0010	RFW-18	5-7-85	5-9-85	5-17-85	10
-0030	RFW-19	5-7-85	5-9-85	5-17-85	12
-0040	RFW-20	5-7-85	5-9-85	5-17-85	27
8505-470-0080	RFW-21	5-2-85	5-3-85	5-15-85	23
-0090	RFW-22	5-2-85	5-3-85	5-16-85	8
8505-492-0050	RFW-23	5-7-85	5-9-85	5-17-85	14
8505-484-0060	RFW-24	5-6-85	5-8-85	5-16-85	12
-0010	RFW-28	5-6-85	5-8-85	5-16-85	<5
8505-492-0060	RFW-29	5-7-85	5-9-85	5-17-85	20
-0070	RFW-30	5-7-85	5-9-85	5-17-85	11
-0080	RFW-31	5-7-85	5-9-85	5-17-85	17
-0080 (SPIKE)	RFW-31 (MATRIX SPIKE)	5-7-85	5-9-85	5-17-85	97% RECOVERY
8505-465-0020	RFW-32	4-30-85	5-2-85	5-14-85	57
8505-465-0020 (DUP)	RFW-32 (LAB DUPLICATE)	4-30-85	5-2-85	5-14-85	67
8505-470-0070	RFW-33	5-1-85	5-3-85	5-15-85	822
8505-465-0030	RFW-34	4-30-85	5-2-85	5-14-85	420
-0040	RFW-35	4-30-85	5-2-85	5-14-85	243
8505-492-0020	RFW-40	5-7-85	5-9-85	5-16-85	6

NOTE: NO SAMPLES WERE RECEIVED IDENTIFIED AS RFW 36, RFW 37 AND RFW 38. TOX ANALYSIS WAS NOT REQUESTED FOR SAMPLES RFW 25-27, RFW 39, AND RFW 41.

PEASE A.F.B. (WATER SAMPLES-CON'T.) PG. 7

V. TOX (CON'T.)

b) All samples were analyzed by EPA METHOD 450.1 using a Dohrmann DX 20 TOX ANALYZER. Although no EPA recommended holding times specific to TOX analyses are described in 40 CFR136, a maximum 21 day holding time has been agreed to with the AIR FORCE as an absolute limit. All samples were analyzed within the 21 day holding time. The requested detection limit of 5 µg/L was achieved.

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PEASE A.F.B. (WATER SAMPLES - CON'T.) PG.8

VI. TOTAL METALS ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL As µg/L	Ba µg/L	Cd µg/L	Cr µg/L	Cu µg/L	Fe µg/L	Pb µg/L	Hg µg/L	Ni µg/L	Se µg/L	Ag µg/L	Zn µg/L
8505-458-0050	RFW-5	<10	<10	<10	23	102	190	<10	<0.5	<100	<10	<2.5	17
-0050 DUP	RFW-5 (LAB DUP.)	---	<10	<10	19	88	190	<10	---	<100	---	<2.5	---
-0060	RFW-6	<10	<10	<10	22	76	260	<10	<0.5	<100	<10	<2.5	<10
-0060 DUP	RFW-6 (LAB DUP.)	<10	---	---	---	---	---	---	---	---	<10	---	---
-0070	RFW-7	<10	<10	<10	26	65	60	<10	<0.5	<100	<10	<2.5	14
-0070 DUP	RFW-7 (LAB DUP.)	---	---	---	---	---	---	---	<0.5	---	---	---	---
-0080	RFW-8	<10	<10	<10	26	55	180	<10	<0.5	<100	<10	<2.5	<10
8505-458/	LAB BLANK	<10	---	---	<10	---	---	<10	---	---	<10	---	---
8505-458/SPIKE	METHOD SPIKE	100% RECOVERY	---	---	102% RECOVERY	---	---	100% RECOVERY	---	---	100% RECOVERY	---	---
8505-458/SPIKE	MATRIX SPIKE	---	---	---	---	---	---	---	100% RECOVERY	---	---	---	---
8505-465-0010	RFW-9	<10	<10	<10	<10	<20	320	<10	<0.5	<100	<10	<2.5	<10
-0010 DUP	RFW-9 (LAB DUP.)	---	<10	<10	<10	<20	350	<10	---	<100	---	<2.5	<10
8505-492-0010	RFW-18	<10	260	<10	11	51	440	<10	<0.5	200	<10	<2.5	19
-0010 DUP	RFW-18 (LAB DUP.)	---	---	---	---	---	---	---	<0.5	---	---	---	---
-0010 SPIKE	RFW-18 (MATRIX SPIKE)	---	---	---	---	---	---	---	102% RECOVERY	---	---	---	---

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VI. TOTAL METALS ANALYSIS (CON'T.)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL As µg/L	Ba µg/L	Cd µg/L	Cr µg/L	Cu µg/L	Fe µg/L	Pb µg/L	Hg µg/L	Ni µg/L	Se µg/L	Ag µg/L	Zn µg/L
8505-492-0030	RFW-19	<10	80	<10	11	<20	140	<10	<0.5	220	<10	<2.5	35
-0040	RFW-20	<10	50	<10	14	25	210	<10	<0.5	210	<10	<2.5	57
8505-470-0080	RFW-21	<10	<10	<10	15	<20	310	<10	<0.5	260	<10	<2.5	<10
-0090	RFW-22	<10	11	<10	18	<20	380	<10	<0.5	240	<10	<2.5	21
-0090 DUP	RFW-22 (LAB DUP.)	---	---	---	---	---	---	---	<0.5	---	---	---	---
8505-492-0050	RFW-23	<10	40	<10	12	22	150	<10	<0.5	200	<10	<2.5	29
-0050 DUP	RFW-23 (LAB DUP.)	---	40	<10	13	25	150	<10	---	220	---	<2.5	24
8505-484-0060	RFW-24	10	50	<10	11	<20	190	<10	<0.5	210	<10	<2.5	38
-0060 DUP	RFW-24 (LAB DUP.)	---	40	<10	11	<20	190	<10	---	210	---	<2.5	38
8505-484/	LAB BLANK	<10	---	---	<10	---	<50	<10	---	---	<10	---	---
8505-484/SPIKE	METHOD SPIKE	88% RECOVERY	---	---	112% RECOVERY	---	99% RECOVERY	104% RECOVERY	---	---	104% RECOVERY	---	---
8505-484-0050	RFW-25	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	13	N.R.	N.R.	N.R.	N.R.	N.R.
-0030	RFW-26	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	<10	N.R.	N.R.	N.R.	N.R.	N.R.
-0020	RFW-27	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	<10	N.R.	N.R.	N.R.	N.R.	N.R.
8505-492-0060	RFW-29	23	60	12	20	23	3,320	<10	<0.5	220	32	<2.5	29
-0070	RFW-30	<10	40	<10	13	26	440	<10	<0.5	290	<10	<2.5	20
-0080	RFW-31	114	90	<10	13	20	12,700	<10	<0.5	220	26	<2.5	19
-0080 DUP	RFW-31 (LAB DUP.)	112	---	---	---	---	---	---	---	---	25	---	---
8505-492/	LAB BLANK	<10	40	<10	---	<20	<50	<10	---	<10	<10	<2.5	<10
8505-492/SPIKE	METHOD SPIKE	96% REC.	105% REC.	118% REC.	---	104% REC.	100% REC.	92% REC.	---	99% REC.	104% REC.	116% REC.	106% REC.

N.R. = NOT REQUESTED

REC. = RECOVERY

DATE OF REPORT: JUNE 13, 1985

VI. TOTAL METALS ANALYSIS (CON'T.)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL As µg/L	Ba µg/L	Cd µg/L	Cr µg/L	Cu µg/L	Fe µg/L	Pb µg/L	Hg µg/L	Ni µg/L	Se µg/L	Ag µg/L	Zn µg/L
8505-465-0020	RFW-32	<10	45	<10	19	<20	240	<10	<0.5	<100	<10	<2.5	25
8505-470-0070	RFW-33	<10	<10	<10	16	<20	510	<10	<0.5	320	<10	<2.5	23
8505-470/	LAB BLANK	---	---	---	---	<20	---	---	---	---	---	---	---
8505-470/SPIKE	METHOD SPIKE	---	---	---	---	96% RECOVERY	---	---	---	---	---	---	---
8505-465-0030	RFW-34	16	43	<10	20	<20	3,620	<10	<0.5	<100	<10	<2.5	21
-0040	RFW-35	<10	96	<10	24	<20	41,800	<10	<0.5	<100	<10	<2.5	30
8505-465/	LAB BLANK	---	---	---	---	<20	---	---	---	---	---	---	---
8505-465/SPIKE	METHOD SPIKE	---	---	---	---	96% RECOVERY	---	---	---	---	---	---	---
8505-492-0020	RFW-40	<10	90	<10	<10	30	150	<10	<0.5	190	<10	<2.5	12

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NOTE: NO SAMPLES WERE RECEIVED IDENTIFIED AS RFW 36, RFW 37, AND RFW 38. TOTAL METALS ANALYSIS WAS NOT REQUESTED FOR SAMPLES RFW 1-4, RFW 11-17, RFW 28, RFW 39 AND RFW 41.

b) All samples were analyzed within the EPA recommended holding time of six months from date of collection to date of analysis. The method of analysis and the requested and achieved detection limits are as follows:

(SEE NEXT PAGE)

DATE OF REPORT: JUNE 13, 1985

VI. TOTAL METALS ANALYSIS

METAL	METHOD	REQUESTED DETECTION LIMIT	ACHIEVED DETECTION LIMIT
ARSENIC	EPA 206.2	10µg/L	10µg/L
BARIUM	EPA 208.2	200µg/L	10µg/L
CADMIUM	EPA 213.2	10µg/L	10µg/L
CHROMIUM	EPA 218.2	50µg/L	10µg/L
COPPER	EPA 220.1	20µg/L	20µg/L
IRON	EPA 236.1	100µg/L	50µg/L
MERCURY	EPA 245.2	1µg/L	0.5µg/L
NICKEL	EPA 249.1	100µg/L	100µg/L
SELENIUM	EPA 270.2	10µg/L	10µg/L
SILVER	EPA 272.2	10µg/L	2.5µg/L
ZINC	EPA 289.1	50µg/L	10µg/L

Compiled By: Judith A. Porta
Judith A. Porta
Operations Manager
WESTON Analytical Laboratories

Approved By: Carter P Nulton
per Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

WESTON

DATE OF REPORT: June 28, 1985

PEASE A.F.B.
ORGANICS SUMMARY REPORT
FOR
WATER SAMPLES REC'D MAY 1-MAY 9, 1985
W.O. NO. 0628-09-05

I. PURGEABLE ORGANIC COMPOUNDS (VOC) by EPA METHOD 601, 602

a) There were no samples received identified as RFW-36, RFW-37, and RFW-38. The only requests for VOC analysis were for samples RFW-18, RFW-19, RFW-20, RFW-21, RFW-22, RFW-23, RFW-24, and RFW-40.

b) All samples were analyzed using EPA METHOD 601, 602 within the EPA recommended holding time of 14 days from date of collection to date of analysis.

c) Sample concentrations are attached.

II. PESTICIDE/HERBICIDE ANALYSIS

a) There were no samples received identified as RFW-36, RFW-37, and RFW-38. HERBICIDE/PESTICIDE analysis was not requested for samples RFW 1-4, RFW 10-28, RFW 32-35 or RFW 39-41.

b) Samples RFW-5, RFW-6, RFW-7, and RFW-8 exceeded the EPA recommended holding time of seven days between the date of collection and the date of extraction by one day for HERBICIDES only.

c) All samples were analyzed by STND. METHODS 509A and B within the EPA recommended holding time of 40 days between date of extraction and date of analysis.

d) The requested detection limits could not be met.

e) Sample concentrations follow.

COMPILED BY: Judith A. Porta
Judith A. Porta
Operations Manager
WESTON Analytical Laboratories

APPROVED BY: for Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: JUNE 28, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: MAY 7, 1985

RFW NO.: 8505-492-0010

SAMPLE DESCRIPTION: RFW-18

DATE RECEIVED: MAY 9, 1985

DATE ANALYZED: MAY 10, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Carter Q. Hansen

for Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: JUNE 28, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: MAY 7, 1985

DATE RECEIVED: MAY 9, 1985

DATE ANALYZED: MAY 10, 1985

RFW NO.: 8505-492-0020

SAMPLE DESCRIPTION: RFW-40

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen, Ph.D.
for Manager
WESTON Analytical Laboratories

DATE OF REPORT: JUNE 28, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: MAY 7, 1985

FW NO.: 8505-492-0030

AMPLE DESCRIPTION: RFW-19

DATE RECEIVED: MAY 9, 1985

DATE ANALYZED: MAY 10, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYL VINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY
"LESS THAN" SIGNS

Approved By: Earl M. Hansen, Ph.D.

H-100 FOC

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: JUNE 28, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: MAY 7, 1985

RFW NO.: 8505-492-0030 DUP.

SAMPLE DESCRIPTION: RFW-19 (LAB DUPLICATE)

DATE RECEIVED: MAY 9, 1985
DATE ANALYZED: MAY 10, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY
"LESS THAN" SIGNS

Approved By: Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

H-101

DATE OF REPORT: JUNE 28, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: MAY 7, 1985

DATE RECEIVED: MAY 9, 1985

DATE ANALYZED: MAY 10, 1985

RFW NO.: 8505-492-0040

SAMPLE DESCRIPTION: RFW-20

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: [signature]

For Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: JUNE 28, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: MAY 7, 1985

DATE RECEIVED: MAY 9, 1985

DATE ANALYZED: MAY 10, 1985

RFW NO.: 8505-492-0050

SAMPLE DESCRIPTION: RFW-23

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: [signature]

For: Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: JUNE 28, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: MAY 6, 1985

FW NO.: 8505-484-0060

AMPLE DESCRIPTION: RFW-24

DATE RECEIVED: MAY 8, 1985
DATE ANALYZED: MAY 9, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY
"LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-104 cc: Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: JUNE 28, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: MAY 2, 1985

DATE RECEIVED: MAY 3, 1985

RFW NO.: 8505-470-0080

DATE ANALYZED: MAY 9, 1985

SAMPLE DESCRIPTION: RFW-21

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	2.2
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: [signature]

H-105 For: Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: JUNE 28, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: MAY 2, 1985

DATE RECEIVED: MAY 3, 1985

RFW NO.: 8505-470-0090

DATE ANALYZED: MAY 9, 1985

SAMPLE DESCRIPTION: RFW-22

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Carl P. Hild

H-106

BY: Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: JUNE 28, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

RFW NO.: 8505-492/

DATE ANALYZED: MAY 10, 1985

SAMPLE DESCRIPTION: LAB BLANK

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 2.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY
"LESS THAN" SIGNS

Approved By: Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: JUNE 28, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

RFW NO.: 8505-492/SPIKE

DATE ANALYZED: MAY 10, 1985

SAMPLE DESCRIPTION: LAB BLANK SPIKE

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE *	93% RECOVERY	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE *	98% RECOVERY
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE *	90% RECOVERY
1,1-DICHLOROETHANE *	91% RECOVERY	TOLUENE *	96% RECOVERY
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE *	98% RECOVERY
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

* SPIKING COMPOUND

Approved By: [signature]

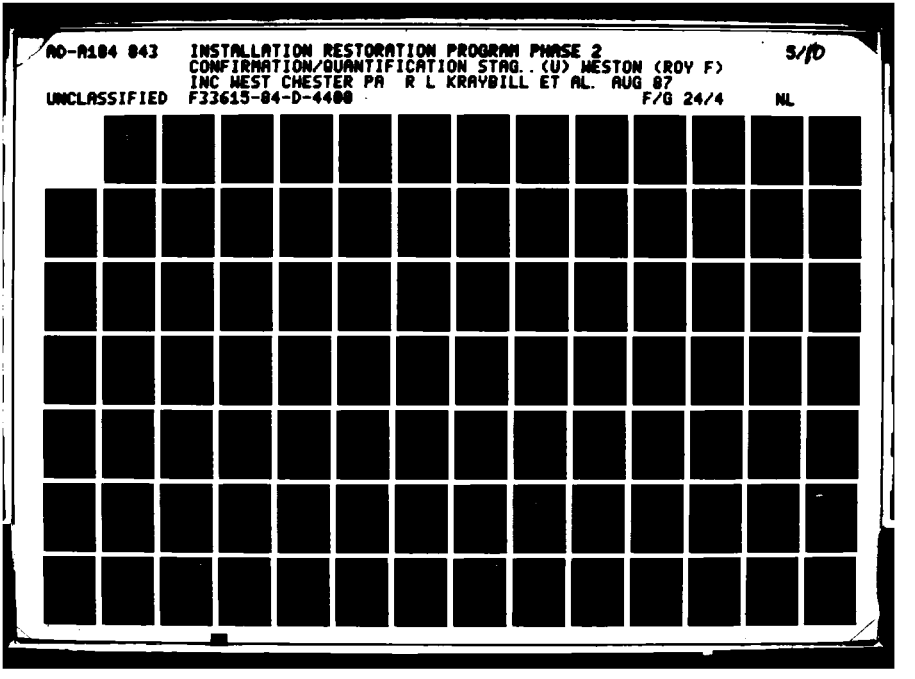
FOR Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

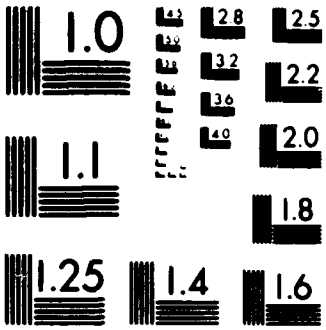
DATE OF REPORT: JUNE 28, 1985

PEASE A.F.B.
HERBICIDE/PESTICIDE SUMMARY REPORT
W.O. NO. 0628-09-05

R.F.W. NO.: 8505-	458-0050	458-0060	458-0070	458-0080	465-0010	492-0060	492-0070	492-0080	492/	492/SPIKE
SAMPLE DESCRIPTION:	RFW-5	RFW-6	RFW-7	RFW-8	RFW-9	RFW-29	RFW-30	RFW-31	LAB BLANK	METHOD SPIKE
DATE COLLECTED:	4-29-85	4-29-85	4-29-85	4-29-85	4-30-85	5-7-85	5-7-85	5-7-85	DNA	DNA
DATE EXTRACTED:	5-3-85P 5-7-85H	5-3-85P 5-7-85H	5-3-85P 5-7-85H	5-3-85P 5-7-85H	5-3-85P 5-7-85H	5-10-85P 5-15-85H	5-10-85P 5-15-85H	5-10-85P 5-15-85H	5-10-85P 5-15-85H	5-10-85P 5-15-85H
DATE ANALYZED:	5-15-85H 5-15-85P	5-15-85H 5-15-85P	5-15-85H 5-15-85P	5-15-85H 5-15-85P	5-15-85H 5-15-85P	6-3&4-85P 5-22-85H	6-3&4-85P 5-22-85H	6-3&4-85P 5-22-85H	6-3&4-85P 5-22-85H	6-3&5-85P 5-22-85H
PARAMETER, µg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%
ALDRIN	<0.037	<0.037	<0.037	<0.037	<0.037	<0.072	<0.072	<0.072	<0.072	45% RECOVERY
DDT ISOMER	<0.25	<0.25	<0.25	<0.25	<0.25	<0.48	<0.48	<0.48	<0.48	72% RECOVERY
DIELDRIN	<0.056	<0.056	<0.056	<0.056	<0.056	<0.11	<0.11	<0.11	<0.11	70% RECOVERY
ENDRIN	<0.21	<0.21	<0.21	<0.21	<0.21	<0.40	<0.40	<0.40	<0.40	83% RECOVERY
HEPTACHLOR	<0.048	<0.048	<0.048	<0.048	<0.048	<0.092	<0.092	<0.092	<0.092	56% RECOVERY
LINDANE	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	73% RECOVERY
METHOXYCHLOR	<0.69	<0.69	<0.69	<0.69	<0.69	<1.3	<1.3	<1.3	<1.3	N,S
DIAZINON	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	N.S.
MALATHION	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	N.S.
PARATHION	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	N.S.
TOXAPHENE	<8.0	<8.0	<8.0	<8.0	<8.0	<15	<15	<15	<15	N.S.
2,4-D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	63% RECOVERY
2,4,5-T	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	N.S.
2,4,5-TP (SILVEX)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	80% RECOVERY

N.S.= NOT SPIKED


AD-A184 843 INSTALLATION RESTORATION PROGRAM PHASE 2 CONFIRMATION/QUANTIFICATION STAG..(U) WESTON (ROY F) INC WEST CHESTER PA R L KRAYBILL ET AL. AUG 87
5/10
UNCLASSIFIED F33615-84-D-4400 F/G 24/4 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

PEASE A.F.B.
HERBICIDE/PESTICIDE SUMMARY REPORT
W.O. NO. 0628-09-05

R.F.W. NO.: 8505-	492/MSD									
SAMPLE DESCRIPTION:	METHOD SPIKE DUP									
DATE COLLECTED:	DNA									
DATE EXTRACTED:	5-10-85P 5-15-85H									
DATE ANALYZED:	6-3&4-85 P 5-22-85 H									
PARAMETER, µg/L	%									
ALDRIN	53% RECOVERY									
DDT ISOMER	88% RECOVERY									
DIELDRIN	86% RECOVERY									
ENDRIN	104% RECOVERY									
HEPTACHLOR	64% RECOVERY									
LINDANE	84% RECOVERY									
METHOXYCHLOR	N.S.									
DIAZINON	N.S.									
MALATHION	N.S.									
PARATHION	N.S.									
TOXAPHENE	N.S.									
2,4-D	63% RECOVERY									
2,4,5-T	N.S.									
2,4,5-TP (SILVEX)	80% RECOVERY									

N.S. = NOT SPIKED

APPROVED BY: _____

for Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

inter-office memorandum

TO: Glenn Smart
Dick Kraybill
Kass Sheedy
Rich Johnson

DATE: June 24, 1985

FROM: Earl M. Hansen

SUBJECT: DIRECT LABORATORY CHARGES
PEASE A.F.B.
SOIL SAMPLES REC'D APRIL 29, 1985

W. O. No.: 0628-09-05

The following represent laboratory charges for the analysis of soil samples as referenced above. Account number 0628-09-05 will be billed as follows:

R.F.W. NO.	ANALYSIS	NO. SAMPLES	UNIT COST	TOTAL
8504-448-0010 to 0030 (SOILS)	O/G by EPA METHOD 413.2	3	15.00	45.00
	VOA by EPA METHOD 601, 602	3	57.00	171.00
				$216.00

EMH/eb

WESTON

DATE OF REPORT: June 24, 1985

PEASE A.F.B.
SUMMARY REPORT
FOR
SOIL SAMPLES REC'D APRIL 29, 1985
W.O. NO. 0628-09-05

I. OIL & GREASE ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE ANALYZED	O/G ug/g
8504-448-0010	15-B-19	4-25-85	5-3-85	601
-0020	15-B-22	4-25-85	5-3-85	68
-0030	15-B-24	4-25-85	5-3-85	194
-0030 DUP	15-B-24 (LAB DUPLICATE)	4-25-85	5-3-85	149
8504-448-0000	LAB BLANK	---	5-3-85	16

NOTE: These results have been blank corrected.

b) All samples were analyzed using EPA METHOD 413.2 within the EPA recommended holding time of 28 days (for water samples). All samples had positive values above an achievable detection limit of 7 ug/g.

II. VOLATILE ORGANIC ANALYSIS (VOA)

a) Sample concentrations are attached.

b) All samples were analyzed using EPA METHOD 601, 602 within the EPA recommended holding time of 14 days (for water). There are no documented holding times for soil samples.

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 24, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 25, 1985

DATE RECEIVED: April 29, 1985

DATE ANALYZED: May 9, 1985

RFW NO.: 8504-448-0010

SAMPLE DESCRIPTION: 15-B-19

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/Kg

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	44
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	12
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	79
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hans

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 24, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 25, 1985

DATE RECEIVED: April 29, 1985

DATE ANALYZED: May 9, 1985

RFW NO.: 8504-448-0020

SAMPLE DESCRIPTION: 15-B-22

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/Kg

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-114

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 24, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 25, 1985

DATE RECEIVED: April 29, 1985

DATE ANALYZED: May 9, 1985

RFW NO.: 8504-448-0020 D

SAMPLE DESCRIPTION: 15-B-22 (LAB DUPLICATE)

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/Kg

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 24, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 25, 1985

DATE RECEIVED: April 29, 1985

DATE ANALYZED: May 9, 1985

RFW NO.: 8E04-448-0030

SAMPLE DESCRIPTION: 15-B-24

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/Kg

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 24, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

DATE ANALYZED: May 9, 1985

RFW NO.: 8504-448/

SAMPLE DESCRIPTION: D.I. WATER BLANK

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-117

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 24, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

RFW NO.: 8504-448/SPIKE

DATE ANALYZED: May 9, 1985

SAMPLE DESCRIPTION: D.I. WATER SPIKE

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE*	108% RECOVERY
CHLOROETHANE *	104% RECOVERY	1,2 TRANS DICHLOROETHYLENE	*95% RECOVERY
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE*	91% RECOVERY
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE*	87% RECOVERY
1,1-DICHLOROETHANE	< 2.0	TOLUENE*	98% RECOVERY
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE *	96% RECOVERY
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

* = SPIKING COMPOUND

Approved By: _____

H-118

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

inter-office memorandum

TO: GLEN SMART
DICK KRAYBILL
KASS SHEEDY
RICH JOHNSON

DATE: JUNE 12, 1985

FROM: EARL HANSEN

SUBJECT: PEASE A.F.B.
SUMMARY REPORT
FOR SOIL SAMPLES REC'D APRIL 11 & APRIL 25, 1985

W. O. No.: 0628-09-05

Enclosed are the results for the above-referenced samples. The remaining reports will be forwarded shortly. If you have any questions, please don't hesitate to call. Charges will be billed on a unit cost basis when appropiate and through timesheets for the week ending June 21, 1985.

RFW: 2-74-39

WESTON

DATE OF REPORT: JUNE 12, 1985

PEASE A.F.B.
SOIL SAMPLES
INORGANICS SUMMARY
REPORT FOR SAMPLES
REC'D APRIL 11, 1985 & APRIL 25, 1985
W.O. NO. 0628-09-05

I. OIL & GREASE ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE RECEIVED	DATE ANALYZED	OIL&GREASE µg/g
8504-438-0060	14-B-1	4-23-85	4-25-85	5-1-85	171
-0070	14-B-4	4-23-85	4-25-85	5-1-85	1,170
-0080	14-B-5	4-23-85	4-25-85	5-1-85	10
8504-395-0010	15-B-5	4-09-85	4-11-85	4-17-85	1,290
-0020	15-B-6	4-09-85	4-11-85	4-17-85	21
-0030	15-B-7	4-09-85	4-11-85	4-17-85	116
-0030 DUP	15-B-7 LAB DUP	4-09-85	4-11-85	4-17-85	156
-0040	15-B-8	4-10-85	4-11-85	4-17-85	<5
-0050	15-B-9	4-10-85	4-11-85	4-17-85	24
-0060	15-B-10	4-10-85	4-11-85	4-17-85	114
-0070	15-B-11	4-10-85	4-11-85	4-17-85	691
8504-438-0030	15-B-15	4-23-85	4-25-85	5-01-85	53
-0040	15-B-17	4-23-85	4-25-85	5-01-85	<5
-0050	15-B-18	4-23-85	4-25-85	5-01-85	1,460
8504-395-0000	LAB BLANK	-------	-------	4-17-85	32
8504-438-0000	LAB BLANK	-------	-------	5-01-85	32

NOTE: THE REPORTED VALUES HAVE BEEN BLANK CORRECTED.

b) All samples were analyzed using E.P.A. METHOD 413.2 within the EPA recommended holding time of 28 days (for water samples). The requested detection limit of 100 µg/g was achieved.

II. TOTAL PHENOLICS ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	PHENOLICS, µg/g
8504-395-0010	15-B-5	4-9-85	4-11-85	4-22-85	0.222
-0020	15-B-6	4-9-85	4-11-85	4-22-85	0.167
-0030	15-B-7	4-9-85	4-11-85	4-22-85	0.135
-0040	15-B-8	4-9-85	4-11-85	4-22-85	0.197
-0050	15-B-9	4-9-85	4-11-85	4-22-85	0.150
-0060	15-B-10	4-9-85	4-11-85	4-22-85	<0.125
-0070	15-B-11	4-9-85	4-11-85	4-22-85	0.228

NOTE: TOTAL PHENOLICS ANALYSES WERE NOT REQUESTED FOR SOIL SAMPLES 14-B-1, 14-B-4, 14-B-5, 15-B-15, 15-B-17, Or 15-B-18.

b) Analysis by EPA METHOD 420.1 was achieved within the recommended EPA holding time of 28 days (for water samples). A detection limit of 0.125 µg/g was achieved. As previously indicated this method is sensitive to 5µg/L in water, not the 1µg/L as requested.

DATE OF REPORT: JUNE 12, 1985

METAL	METHOD	REQUESTED DETECTION LIMIT	ACHIEVED DETECTION LIMIT
ARSENIC	EPA 206.2	10µg/g (mg/kg)	0.50 µg/g
BARIUM	EPA 208.1	200µg/g (mg/kg)	1.00µg/g
CADMIUM	EPA 213.2	0.2µg/g (mg/kg)	0.13µg/g
CHROMIUM	EPA 218.1	5µg/g (mg/kg)	1.25µg/g
COPPER	EPA 220.1	0.4µg/g (mg/kg)	1µg/g*
IRON	EPA 236.1	100µg/g (mg/kg)	250µg/g*
LEAD	EPA 239.2	2µg/g (mg/kg)	5µg/g*
MERCURY	EPA 245.2	0.1µg/g (mg/kg)	0.25µg/g
NICKEL	EPA 249.1	100µg/g (mg/kg)	2.5µg/g
SELENIUM	EPA 270.2	10µg/g (mg/kg)	0.5µg/g
SILVER	EPA 272.2	10µg/g (mg/kg)	0.13µg/g
ZINC	EPA 289.1	50µg/g (mg/kg)	0.5µg/g

* SAMPLES ALL HAD POSITIVE VALUES AT LEVELS FAR ABOVE REQUESTED DETECTION LIMITS.

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

PEASE A.F.B. (SOIL SAMPLES-CON'T.) PG. 3

DATE OF REPORT: JUNE 12, 1985

III. TOTAL METALS ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL As mg/kg	Ba mg/kg	Cd mg/kg	Cr mg/kg	Cu mg/kg	Fe mg/kg	Pb mg/kg	Hg µg/g	Ni mg/kg	Se mg/kg	Ag mg/kg	Zn mg/kg
8504-395-0010	15-B-5	0.53	25.5	<0.13	15.5	21.3	9,750	12.4	<0.25	5.50	<0.50	<0.13	22.5
-0010 DUP	15-B-5 LAB DUP	----	----	----	----	----	-----	----	<0.25	----	----	----	----
-0010 SPIKE	15-B-5 LAB SPIKE	----	----	----	----	----	-----	----	105% RECOVERY	----	----	----	----
8504-395-0020	15-B-6	0.75	54.6	0.14	32.5	49.7	25,600	13.9	<0.25	18.0	<0.50	0.13	55.6
-0020 DUP	15-B-6 LAB DUP	----	----	----	----	----	-----	----	----	----	----	0.14	----
8504-395-0030	15-B-7	1.35	31.2	0.43	24.2	30.0	14,600	25.2	<0.25	11.1	<0.50	<0.13	34.2
8504-395-0040	15-B-8	<0.50	13.5	0.22	8.50	31.5	6,600	14.4	<0.25	<5.0	<0.50	<0.13	30.5
8504-395-0050	15-B-9	6.23	8.5	<0.13	7.50	13.0	6,150	6.1	<0.25	3.0	<0.50	<0.13	10.5
8504-395-0060	15-B-10	0.65	29.5	0.16	12.5	20.6	10,600	8.4	<0.25	<5.0	<0.50	<0.13	25.5
8504-395-0070	15-B-11	5.50	23.2	<0.13	11.0	17.0	7,950	8.8	<0.25	5.2	<0.50	<0.13	19.7
8504-395-0070 DUP	15-B-11 LAB DUP	6.20	----	----	----	----	-----	----	----	----	----	----	----
8504-395-0000	LAB BLANK	<0.25	<1.00	----	<1.25	----	-----	----	----	<2.5	----	----	<0.50
8504-395/SPIKE	BLANK SPIKE	89.6% RECOVERY	98.4% RECOVERY	----	91.2% RECOVERY	----	-----	----	----	88.8% RECOVERY	----	----	92.8% RECOVERY

NOTE: TOTAL METALS ANALYSIS WAS NOT REQUESTED FOR SOIL SAMPLES, 14-B-1, 14-B-4, 14-B-5, 15-B-15, 15-B-17, or 15-B-18.

b) All samples were analyzed within the EPA recommended holding time of six months from date of collection to date of analysis (for water samples). The method of analysis and the requested and achieved detection limits are as follows:

DATE OF REPORT: JUNE 12, 1985

III. TOTAL METALS ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL As mg/kg	Ba mg/kg	Cd mg/kg	Cr mg/kg	Cu mg/kg	Fe mg/kg	Pb mg/kg	Hg µg/g	Ni mg/kg	Se mg/kg	Ag mg/kg	Zn mg/kg
8504-395-0010	15-B-5	0.53	25.5	<0.13	15.5	21.3	9,750	12.4	<0.25	5.50	<0.50	<0.13	22.5
-0010 DUP	15-B-5 LAB DUP	----	----	----	----	----	-----	----	<0.25	----	----	----	----
-0010 SPIKE	15-B-5 LAB SPIKE	----	----	----	----	----	-----	----	105% RECOVERY	----	----	----	----
8504-395-0020	15-B-6	0.75	54.6	0.14	32.5	49.7	25,600	13.9	<0.25	18.0	<0.50	0.13	55.6
-0020 DUP	15-B-6 LAB DUP	----	----	----	----	----	-----	----	----	----	----	0.14	----
8504-395-0030	15-B-7	1.35	31.2	0.43	24.2	30.0	14,600	25.2	<0.25	11.1	<0.50	<0.13	34.2
8504-395-0040	15-B-8	<0.50	13.5	0.22	8.50	31.5	6,600	14.4	<0.25	<5.0	<0.50	<0.13	30.5
8504-395-0050	15-B-9	6.23	8.5	<0.13	7.50	13.0	6,150	6.1	<0.25	3.0	<0.50	<0.13	10.5
8504-395-0060	15-B-10	0.65	29.5	0.16	12.5	20.6	10,600	8.4	<0.25	<5.0	<0.50	<0.13	25.5
8504-395-0070	15-B-11	5.50	23.2	<0.13	11.0	17.0	7,950	8.8	<0.25	5.2	<0.50	<0.13	19.7
8504-395-0070 DUP	15-B-11 LAB DUP	6.20	----	----	----	----	-----	----	----	----	----	----	----
8504-395-0000	LAB BLANK	<0.25	<1.00	----	<1.25	----	-----	----	----	<2.5	----	----	<0.50
8504-395/SPIKE	BLANK SPIKE	89.6% RECOVERY	98.4% RECOVERY	----	91.2% RECOVERY	----	-----	----	----	88.8% RECOVERY	----	----	92.8% RECOVERY

NOTE: TOTAL METALS ANALYSIS WAS NOT REQUESTED FOR SOIL SAMPLES, 14-B-1, 14-B-4, 14-B-5, 15-B-15, 15-B-17, or 15-B-18.

b) All samples were analyzed within the EPA recommended holding time of six months from date of collection to date of analysis (for water samples). The method of analysis and the requested and achieved detection limits are as follows:

WESTON

DATE OF REPORT: June 12, 1985

PEASE A.F.B.
SOIL SAMPLES
VOA SUMMARY REPORT
W.O. NO. 0628-09-05

a) Sample concentrations attached

b) All samples were analyzed using EPA METHOD 601, 602. There are no documented holding times for soil sample analyses.

DATE OF REPORT: June 12, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 9, 1985

RFW NO.: 8504-395-0010

SAMPLE DESCRIPTION: 15-B-5

DATE RECEIVED: April 11, 1985
DATE ANALYZED: April 29, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 9, 1985

FW NO.: 8504-395-0020

AMPLE DESCRIPTION: 15-B-6

DATE RECEIVED: April 11, 1985

DATE ANALYZED: April 29, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	3.9
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
,1-DICHLOROETHYLENE	< 2.0		
,2-DICHLOROPROPANE	< 2.0	OTHER	
HLOROMETHANE	< 4.0		

ETECTION LIMITS ARE INDICATED BY
"LESS THAN" SIGNS

Approved By: Earl M. Hans

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Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 9, 1985

FW NO.: 8504-395-0020 DUP.

AMPLE DESCRIPTION: EPA METHOD 601/LAB DUPLICATE OF SAMPLE 15-B-6

DATE RECEIVED: April 11, 1985
DATE ANALYZED: April 29, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	2.7
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	N.D.
1,1-DICHLOROETHANE	< 2.0	TOLUENE	N.D.
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	N.D.
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

N.D. = NOT DUPLICATED

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-123

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 9, 1985

FW NO.: 8504-395-0030

AMPLE DESCRIPTION: 15-B-7

DATE RECEIVED: April 11, 1985

DATE ANALYZED: April 29, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
,1-DICHLOROETHYLENE	< 2.0		
,2-DICHLOROPROPANE	< 2.0	OTHER	
HLOROMETHANE	< 4.0		

ETECTION LIMITS ARE INDICATED BY
LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 9, 1985

FW NO.: 8504-395-0040

AMPLE DESCRIPTION: 15-B-8

DATE RECEIVED: April 11, 1985
DATE ANALYZED: April 29, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	8.7
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	10
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 9, 1985

FW NO.: 8504-395-0050

AMPLE DESCRIPTION: 15-B-9

DATE RECEIVED: April 11, 1985

DATE ANALYZED: April 29, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	3.9
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	4.8	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	4.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 12, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 9, 1985

DATE RECEIVED: April 11, 1985

RFW NO.: 8504-395-0050 DUP

DATE ANALYZED: April 29, 1985

SAMPLE DESCRIPTION: EPA METHOD 602/DUPLICATE OF 15-B-9

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

BROMOMETHANE	N.D.	1,3-TRANS DICHLOROPROPENE	N.D.
BROMOFORM	N.D.	1,3-CIS DICHLOROPROPENE	N.D.
CARBON TETRACHLORIDE	N.D.	METHYLENE CHLORIDE	N.D.
CHLOROBENZENE	N.D.	1,1,2,2 TETRACHLOROETHANE	N.D.
CHLORODIBROMOMETHANE	N.D.	TETRACHLOROETHYLENE	N.D.
CHLOROETHANE	N.D.	1,2 TRANS DICHLOROETHYLENE	N.D.
2-CHLOROETHYLVINYL ETHER	N.D.	1,1,1 TRICHLOROETHANE	N.D.
CHLOROFORM	N.D.	1,1,2 TRICHLOROETHANE	N.D.
DICHLOROBROMOMETHANE	N.D.	TRICHLOROETHYLENE	N.D.
DICHLORODIFLUOROMETHANE	N.D.	TRICHLOROFLUOROMETHANE	N.D.
1,2-DICHLOROBENZENE	N.D.	VINYL CHLORIDE	N.D.
1,3-DICHLOROBENZENE	N.D.		
1,4-DICHLOROBENZENE	N.D.	BENZENE	< 2
1,1-DICHLOROETHANE	N.D.	TOLUENE	< 2
1,2-DICHLOROETHANE	N.D.	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	N.D.		
1,2-DICHLOROPROPANE	N.D.	OTHER	
CHLOROMETHANE	N.D.		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

N.D. = NOT DUPLICATED

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 12, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 9, 1985

DATE RECEIVED: April 11, 1985

DATE ANALYZED: April 29, 1985

IFW NO.: 8504-395-0060

SAMPLE DESCRIPTION: 15-B-10

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	16
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	85	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 9, 1985

FW NO.: 8504-395-0070

AMPLE DESCRIPTION: 15-B-11

DATE RECEIVED: April 11, 1985
DATE ANALYZED: April 29, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	3.9
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	47	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	SEE BELOW
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	SEE BELOW
,1-DICHLOROETHYLENE	< 2.0		
,2-DICHLOROPROPANE	< 2.0	OTHER	
HLOROMETHANE	< 4.0		

ETECTION LIMITS ARE INDICATED BY LESS THAN" SIGNS

NOTE: THIS SAMPLE CONTAINS VERY HIGH CONCENTRATIONS OF HYDROCARBONS MAKING IT DIFFICULT TO QUANTIFY TOLUENE & ETHYL BENZENE.

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 12, 1985

A SUMMARY FOR: PEASE A.F.B.

E SAMPLE COLLECTED: DNA

NO.: 8504-395/

PLE DESCRIPTION: LAB BLANK

DATE RECEIVED: DNA

DATE ANALYZED: April 29, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

MOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
MOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
BON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
OROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
ORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
OROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
HLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
OROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
HLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
HLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
-DICHLOROBENZENE	< 3.0		
-DICHLOROBENZENE	< 3.0	BENZENE	< 2
-DICHLOROETHANE	< 2.0	TOLUENE	< 2
-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
-DICHLOROETHYLENE	< 2.0		
-DICHLOROPROPANE	< 2.0	OTHER	
OROMETHANE	< 4.0		

ECTION LIMITS ARE INDICATED BY
SS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 12, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

RFW NO.: 8504-395/SPIKE

DATE ANALYZED: April 29, 1985

SAMPLE DESCRIPTION: D.I. WATER SPIKE

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE *	118% RECOVERY
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE *	96% RECOVERY
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE*	98% RECOVERY
1,1-DICHLOROETHANE *	91% RECOVERY	TOLUENE*	100% RECOVERY
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE *	101% RECOVERY
1,1-DICHLOROETHYLENE *	98% RECOVERY		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

* SPIKED COMPOUND

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 23, 1985

DATE RECEIVED: April 25, 1985

DATE ANALYZED: June 7, 1985

W NO.: 8504-438-0020 DUP.

AMPLE DESCRIPTION: T-2 TANK AT BLDG 113 (SOLID) DUPLICATE

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	8.1
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
,1-DICHLOROETHYLENE	2.7		
,2-DICHLOROPROPANE	< 2.0	OTHER	
HLOROMETHANE	< 4.0		

ETECTION LIMITS ARE INDICATED BY
LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 23, 1985

DATE RECEIVED: April 25, 1985

DATE ANALYZED: June 7, 1985

FW NO.: 8504-438-0030

AMPLE DESCRIPTION: 15-B-15

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
,1-DICHLOROETHYLENE	< 2.0		
,2-DICHLOROPROPANE	< 2.0	OTHER	
HLOROMETHANE	< 4.0		

ETECTION LIMITS ARE INDICATED BY
'LESS THAN" SIGNS

Approved By: Earl M. Hansen

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Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 23, 1985

DATE RECEIVED: April 25, 1985

DATE ANALYZED: June 7, 1985

W NO.: 8504-438-0040

MPLE DESCRIPTION: 15-B-17

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
,1-DICHLOROETHYLENE	< 2.0		
,2-DICHLOROPROPANE	< 2.0	OTHER	
HLOROMETHANE	< 4.0		

ETECTION LIMITS ARE INDICATED BY
LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-139

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 23, 1985

DATE RECEIVED: April 25, 1985

DATE ANALYZED: June 7, 1985

W NO.: 8504-438-0050

AMPLE DESCRIPTION: 15-B-18

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
,1-DICHLOROETHYLENE	< 2.0		
,2-DICHLOROPROPANE	< 2.0	OTHER	
HLOROMETHANE	< 4.0		

ETECTION LIMITS ARE INDICATED BY
LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 24, 1985

FW NO.: 8504-438-0060

AMPLE DESCRIPTION: 14-B-1

DATE RECEIVED: April 25, 1985

DATE ANALYZED: May 7, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	3.2
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
,1-DICHLOROETHYLENE	< 2.0		
,2-DICHLOROPROPANE	< 2.0	OTHER	
HLOROMETHANE	< 4.0		

ETECTION LIMITS ARE INDICATED BY
'LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-141

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: April 23, 1985

FW NO.: 8504-438-0070

AMPLE DESCRIPTION: 14-B-4

DATE RECEIVED: April 25, 1985

DATE ANALYZED: May 7, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	3.7
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-142

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 12, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 24, 1985

DATE RECEIVED: April 25, 1985

DATE ANALYZED: May 7, 1985

IFW NO.: 8504-438-0080

SAMPLE DESCRIPTION: 14-B-5

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	6.4
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-143

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: June 12, 1985

ATA SUMMARY FOR: PEASE A.F.B.

ATE SAMPLE COLLECTED: DNA

FW NO.: 8504-438/

AMPLE DESCRIPTION: LAB BLANK

DATE RECEIVED: DNA

DATE ANALYZED: June 7, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

ROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
ROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
ARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
HLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
HLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
HLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
HLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
ICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
ICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
,3-DICHLOROBENZENE	< 3.0		
,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
,1-DICHLOROETHYLENE	< 2.0		
,2-DICHLOROPROPANE	< 2.0	OTHER	
HLOROMETHANE	< 4.0		

ETECTION LIMITS ARE INDICATED BY
LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 12, 1985

)ATA SUMMARY FOR: PEASE A.F.B.

)ATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

(FW NO.: 8504-438/SPIKE

DATE ANALYZED: June 7, 1985

SAMPLE DESCRIPTION: D.I. SPIKE

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE*	118% RECOVERY	1,2 TRANS DICHLOROETHYLENE*	100% RECOVER
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE*	91% RECOVER
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE*	94% RECOVER
1,1-DICHLOROETHANE	< 2.0	TOLUENE*	96% RECOVER
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE*	95% RECOVER
1,1-DICHLORDETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

* SPIKED COMPOUND

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

inter-office memorandum

TO: Glenn Smart
Dick Kraybill
Kass Sheedy
Rich Johnson

DATE: June 12, 1985

FROM: Earl M. Hansen

SUBJECT: PEASE A.F.B.
SUMMARY REPORT
FOR TANK SAMPLES REC'D APRIL 25, 1985

W. O. No.: 0628-09-05

Attached are the results for the above-referenced samples. The remaining reports will be forwarded shortly. If you have any questions, please don't hesitate to call. Charges will be billed on a unit cost basis where appropriate and through timesheets for the week ending June 21, 1985.

EMH/eb

WESTON

DATE OF REPORT: June 12, 1985

PEASE A.F.B.
TANK SAMPLES SUMMARY REPORT
FOR SAMPLES RECEIVED APRIL 25, 1985
W.O. NO. 0628-09-05

DATE SAMPLES COLLECTED: April 24, 1985

R.F.W. NO.	SAMPLE DESCRIPTION	O/G (DATE ANALYZED)	TOC (DATE ANALYZED)	TOX (DATE ANALYZED)
8504-438-0010	T1 TANK AT BLDG 244 (LIQUID)	8.68 mg/L (4-29-85) E.P.A. 413.2	6.2 mg/L (5-15-85) E.P.A. 415.2	8,910 ug/L (5-8-85) E.P.A. 450.1
8504-438-0020	T2 TANK AT BLDG 113 (SOLID)	10 ug/g (5-1-85)	1,340 mg/Kg (5-10-85)	<0.10 ug/g (5-2-85)
-0020 D.	T2 LAB DUPLICATE	16 ug/g (5-1-85)	1300 mg/Kg (5-10-85)	NOT DUPLICATED
8504-438-0000	LAB SOIL BLANK	32 ug/g	DNA	DNA

NOTE: THE O/G RESULTS FOR 8504-438-0020 HAVE BEEN BLANK CORRECTED.

VOA RESULTS ATTACHED. QA/QC DATA WITH SOIL SAMPLE DATA.

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: June 12, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 24, 1958

DATE RECEIVED: April 25, 1985

DATE ANALYZED: May 7, 1985

RFW NO.: 8504-438-0010

SAMPLE DESCRIPTION: T1- TANK AT BLDG. 244 (LIQUID)

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: µg/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	2.8
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	7,000
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	22,000
DICHLORODIFLUOROMETHANE	4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	17	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-148

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratori

DATE OF REPORT: June 12, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 24, 1985

DATE RECEIVED: April 25, 1985

DATE ANALYZED: May 7, 1985

IFW NO.: 8504-438-0020

SAMPLE DESCRIPTION: T2-TANK AT BLDG. 113 (SOLID)

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/g

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 3.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	2.2
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	12
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M Hansen

H-149

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratori

inter-office memorandum

TO: GLEN SMART
DICK KRAYBILL
KASS SHEEDY
RICH JOHNSON

DATE: JUNE 5, 1985

FROM: EARL HANSEN

SUBJECT: PEASE A.F.B.
SUMMARY REPORT
FOR WATER SAMPLES REC'D MARCH 13-APRIL 4, 1985

W. O. No.: 0628-09-05

Enclosed are the results for the above-referenced samples. The remaining reports will be forwarded within 7-10 days. If you have any questions, please don't hesitate to call. Charges will be billed on a unit cost basis where appropriate and through timesheets for the week ending June 14, 1985.

DATE OF REPORT: MAY 30, 1985

WESTON

PEASE A.F.B.
WATER SAMPLES
INORGANICS SUMMARY REPORT
FOR SAMPLES RECEIVED MARCH 13-APRIL 4, 1985
W.O. NO. 0628-09-05

I. OIL & GREASE ANALYSIS
a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	OIL&GREASE mg/L
8503-271-0010	SW-1	3-22-85	3-25-85	4-05-85	0.15
-0020	SW-2	3-11-85	3-13-85	3-16-85	0.53
8503-316-0020	SW-3	3-22-85	3-25-85	4-05-85	0.15
-0040	SW-4	3-11-85	3-13-85	3-16-85	<0.10
-0050	SW-6	3-11-85	3-13-85	3-16-85	<0.10
-0060	SW-7	3-11-85	3-13-85	3-16-85	0.15
-0070	SW-8	3-11-85	3-13-85	3-16-85	<0.10
-0080	SW-9	3-11-85	3-13-85	3-16-85	<0.10
-0090	SW-10	3-11-85	3-13-85	3-16-85	0.42
-0100	SW-11	3-11-85	3-13-85	3-16-85	0.20
-0110	SW-12	3-11-85	3-13-85	3-16-85	<0.10
-0140	SW-13	3-11-85	3-13-85	3-16-85	0.43
-0150	SW-14	3-11-85	3-13-85	3-16-85	0.13
-0160	SW-15	3-11-85	3-13-85	3-16-85	0.11
-0170	SW-16	3-11-85	3-13-85	3-16-85	0.21
8503-277-0150	SW-17	3-13-85	3-14-85	3-23-85	<0.10
-0160	SW-18	3-13-85	3-14-85	3-23-85	<0.10
-0070	SW-19	3-13-85	3-14-85	3-23-85	0.23
-0080	SW-20	3-13-85	3-14-85	3-23-85	0.73
8503-272-0010	SW-21	3-12-85	3-13-85	3-16-85	0.17
-0020	SW-22	3-12-85	3-13-85	3-16-85	2.50
-0040	SW-24	3-12-85	3-13-85	3-16-85	0.12
8503-277-0140	SW-25	3-13-85	3-14-85	3-23-85	1.09
-0090	SW-26	3-13-85	3-14-85	3-23-85	0.15
-0100	SW-27	3-13-85	3-14-85	3-23-85	0.13
-0110	SW-28	3-13-85	3-14-85	3-23-85	0.75
-0130	SW-29	3-13-85	3-14-85	3-23-85	0.19
8503-272-0030	SW-30	3-12-85	3-13-85	3-16-85	1.79
8503-277-0120	SW-31	3-13-85	3-14-85	3-23-85	0.11
8503-271-0130	SW-32	3-11-85	3-13-85	3-16-85	<0.10
-0120	SW-33	3-11-85	3-13-85	3-16-85	0.58
8503-272-0050	SW-34	3-12-85	3-13-85	3-16-85	<0.10
8503-277-0010	PW-1	3-13-85	3-14-85	3-23-85	<0.10
-0020	PW-2	3-13-85	3-14-85	3-23-85	0.15
-0030	PW-3	3-13-85	3-14-85	3-23-85	<0.10
-0040	PW-4	3-13-85	3-14-85	3-23-85	<0.10
-0050	PW-5	3-13-85	3-14-85	3-23-85	0.20
-0060	PW-6	3-13-85	3-14-85	3-23-85	0.45
8503-297-0010	RFW-1	3-19-85	3-20-85	3-23-85	1.97
-0020	RFW-2	3-19-85	3-20-85	3-23-85	0.26

DATE OF REPORT: MAY 30, 1985

WESTON

PEASE A.F.B. (INORGANICS) (CON'T.)

I. OIL & GREASE (CON'T.)

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	OIL&GREASE mg/L
8503-297-0030	RFW-3	3-19-85	3-20-85	3-23-85	0.31
-0040	RFW-4	3-19-85	3-20-85	3-23-85	0.38
8503-316-0060	RFW-5	3-22-85	3-25-85	4-05-85	<0.10
8503-297-0060	RFW-6	3-19-85	3-20-85	3-23-85	<0.10
8503-300-0010	RFW-7	3-20-85	3-21-85	3-30-85	<0.10
-0020	RFW-8	3-20-85	3-21-85	3-30-85	0.76
-0030	RFW-9	3-20-85	3-21-85	3-30-85	0.15
8503-306-0020	RFW-10	3-21-85	3-22-85	3-30-85	1.61
-0030	RFW-11	3-21-85	3-22-85	3-30-85	0.57
-0040	RFW-12	3-21-85	3-22-85	3-30-85	1.32
-0050	RFW-13	3-21-85	3-22-85	3-30-85	0.53
-0060	RFW-14	3-21-85	3-22-85	3-30-85	0.20
-0070	RFW-15	3-21-85	3-22-85	3-30-85	0.18
8504-367-0010	RFW-16	4-03-85	4-04-85	4-17-85	0.25
-0020	RFW-17	4-03-85	4-04-85	4-17-85	0.33
-0030	RFW-18	4-03-85	4-04-85	4-17-85	0.84
-0060	RFW-19	4-03-85	4-04-85	4-17-85	1.60
-0070	RFW-20	4-03-85	4-04-85	4-17-85	1.70
8503-316-0080	RFW-21	3-22-85	3-25-85	4-05-85	0.66
-0070	RFW-22	3-22-85	3-25-85	4-05-85	0.20
-0090	RFW-23	3-22-85	3-25-85	4-05-85	0.31
8504-367-0040	RFW-24	4-03-85	4-04-85	4-17-85	2.25
8503-332-0040	RFW-25	3-26-85	3-27-85	4-05-85	0.59
-0010	RFW-26	3-26-85	3-27-85	4-05-85	0.21
-0020	RFW-27	3-26-85	3-27-85	4-05-85	2.09
-0030	RFW-28	3-26-85	3-27-85	4-05-85	0.51
-0050	RFW-29	3-26-85	3-27-85	4-05-85	0.40
-0060	RFW-30	3-26-85	3-27-85	4-05-85	0.50
-0070	RFW-31	3-26-85	3-27-85	4-05-85	0.13
8503-339-0010	RFW-32	3-27-85	3-28-85	4-05-85	0.30
8504-379-0010	RFW-33	4-05-85	4-09-85	4-17-85	0.54
8503-339-0020	RFW-34	3-27-85	3-28-85	4-05-85	1.94
-0030	RFW-35	3-27-85	3-28-85	4-05-85	1.51
8503-316-0050	RFW-36	3-22-85	3-25-85	4-05-85	<0.10
8503-297-0050	RFW-37	3-19-85	3-20-85	3-23-85	BROKEN
8503-306-0010	RFW-38	3-21-85	3-22-85	3-30-85	<0.10
8504-367-0050	RFW-39	4-03-85	4-04-85	4-17-85	3.47

b) All samples were analyzed using EPA METHOD 413.2 within the EPA recommended holding time of 28 days. The requested detection limit of 100 µg/L (0.100 mg/L) was acheived.

WESTON

DATE OF REPORT: MAY 30, 1985

PEASE A.F.B. (WATER SAMPLES-CON'T.) PG. 3

II. TOTAL CYANIDE (CN^-) ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE SUB-CONTRACTED	DATE ANALYZED	TOTAL CYANIDE, mg/L
8503-271-0020	SW-2	3-11-85	3-13-85	3-14-85	3-26-85	<0.02
-0030	SW-3	3-11-85	3-13-85	3-14-85	3-26-85	<0.02
-0040	SW-4	3-11-85	3-13-85	3-14-85	3-27-85	<0.02
-0050	SW-6	3-11-85	3-13-85	3-14-85	3-27-85	<0.02
-0060	SW-7	3-11-85	3-13-85	3-14-85	3-27-85	<0.02
-0070	SW-8	3-11-85	3-13-85	3-14-85	3-27-85	<0.02
-0080	SW-9	3-11-85	3-13-85	3-14-85	3-27-85	<0.02
-0140	SW-13	3-11-85	3-13-85	3-14-85	3-27-85	<0.02
-0150	SW-14	3-11-85	3-13-85	3-14-85	3-27-85	<0.02
-0160	SW-15	3-11-85	3-13-85	3-14-85	3-28-85	<0.02
-0170	SW-16	3-11-85	3-13-85	3-14-85	3-28-85	<0.02
-0130	SW-32	3-11-85	3-13-85	3-14-85	3-27-85	<0.02
8503-316-0060	RFW-5	3-22-85	3-25-85	4-01-85	4-10-85	<0.02
8503-297-0060	RFW-6	3-19-85	3-20-85	3-25-85	4-02-85	<0.02
8503-300-0010	RFW-7	3-20-85	3-21-85	3-25-85	4-02-85	<0.02
-0020	RFW-8	3-20-85	3-21-85	3-25-85	4-02-85	<0.02
-0030	RFW-9	3-20-85	3-21-85	3-25-85	4-04-85	<0.02
8503-332-0050	RFW-29	3-26-85	3-27-85	4-01-85	4-10-85	<0.02
-0060	RFW-30	3-26-85	3-27-85	4-01-85	4-10-85	<0.02
-0070	RFW-31	3-26-85	3-27-85	4-01-85	4-10-85	<0.02
8503-306-0010	RFW-38	3-21-85	3-22-85	4-01-85	4-10-85	<0.02

b) These samples were analyzed using METHOD 335.2. This method has a sensitivity of 20 µg/L, therefore the requested detection limit of 10 µg/L was not achieved. In addition, the EPA recommended holding time of 14 days between date of collection and date of analysis was exceeded for all samples with the exception of SW-2, SW-3, RFW -6, RFW-7, RFW-8, RFW-9, RFW-29, RFW-30, and RFW-31.

WESTON

DATE OF REPORT: MAY 30, 1985

PEASE A.F.B. (WATER SAMPLES-CON'T.) PG. 4

III. TOTAL PHENOLICS ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOTAL PHENOLICS, mg/L
8503-271-0020	SW-2	3-11-85	3-13-85	3-13-85	0.006
-0030	SW-3	3-11-85	3-13-85	3-13-85	<0.005
-0040	SW-4	3-11-85	3-13-85	3-16-85	<0.005
8503-316-0030	SW-6	3-22-85	3-25-85	4-02-85	0.012
8503-271-0060	SW-7	3-11-85	3-13-85	3-16-85	<0.005
-0070	SW-8	3-11-85	3-13-85	3-16-85	0.005
-0080	SW-4	3-11-85	3-13-85	3-16-85	<0.005
-0140	SW-13	3-11-85	3-13-85	3-16-85	<0.005
-0150	SW-14	3-11-85	3-13-85	3-16-85	0.005
-0160	SW-15	3-11-85	3-13-85	3-16-85	<0.005
-0170	SW-16	3-11-85	3-13-85	3-16-85	0.005
8503-272-0040	SW-24	3-12-85	3-13-85	3-16-85	0.006
8503-277-0140	SW-25	3-13-85	3-14-85	3-23-85	<0.005
-0090	SW-26	3-13-85	3-14-85	3-20-85	<0.005
-0100	SW-27	3-13-85	3-14-85	3-20-85	<0.005
-0100 DUP.	SW-27 DUP.	3-13-85	3-14-85	3-20-85	<0.005
-0110	SW-28	3-13-85	3-14-85	3-20-85	<0.005
-0130	SW-29	3-13-85	3-14-85	3-20-85	<0.005
8503-271-0130	SW-32	3-11-85	3-13-85	3-16-85	<0.005
8503-272-0050	SW-34	3-12-85	3-13-85	3-16-85	<0.005
8503-316-0060	RFW-5	3-13-85	3-14-85	4-02-85	<0.005
8503-297-0060	RFW-6	3-19-85	3-20-85	3-23-85	<0.005
8503-300-0010	RFW-7	3-20-85	3-21-85	3-23-85	0.011
-0020	RFW-8	3-20-85	3-21-85	3-23-85	0.005
-0030	RFW-9	3-20-85	3-21-85	3-23-85	<0.005
-0030 DUP.	RFW-9 DUP.	3-20-85	3-21-85	3-23-85	<0.005

III. TOTAL PHENOLICS (CON'T.)

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOTAL PHENOLICS, mg/L
8504-367-0030	RFW-18	4-03-85	4-04-85	4-10-85	<0.005
8504-367/BLANK	LAB BLANK	-------	-------	4-10-85	<0.005
8504-367-0060	RFW-19	4-03-85	4-04-85	4-10-85	0.008
-0070	RFW-20	4-03-85	4-04-85	4-10-85	<0.005
8504-316-0080	RFW-21	3-22-85	3-25-85	4-02-85	<0.005
-0070	RFW-22	3-22-85	3-25-85	4-02-85	0.014
-0090	RFW-23	3-22-85	3-25-85	4-02-85	0.014
8504-367-0040	RFW-24	4-03-85	4-04-85	4-10-85	0.005
8503-337-0050	RFW-29	3-26-85	3-27-85	4-02-85	0.005
-0060	RFW-30	3-26-85	3-27-85	4-02-85	0.010
-0070	RFW-31	3-26-85	3-27-85	4-02-85	0.011
8503-339-0010	RFW-32	3-27-85	3-28-85	4-08-85	0.010
8504-379-0010	RFW-33	4-05-85	4-09-85	4-22-85	0.068
8503-339-0020	RFW-34	3-27-85	3-28-85	4-04-85	0.365
-0030	RFW-35	3-27-85	3-28-85	4-04-85	0.364
8503-339/BLANK	LAB BLANK	-------	-------	4-04-85	<0.005
8503-339/BLANK SPIKE	SPIKE	-------	-------	4-04-85	115%RECOVERY
8503-306-0010	RFW-38	3-21-85	3-22-85	3-23-85	0.005
8504-367-0050	RFW-39	4-03-85	4-04-85	4-10-85	0.007

III. TOTAL PHENOLICS (CON'T.)

b) All samples were analyzed using EPA METHOD 420.1 within the EPA recommended holding time of 28 days between date of collection and date of analysis. As per the memo of March 5, 1985, this method is sensitive to 5 µg/L; therefore, the requested detection limit of 1 µg/L was not achieved.

IV. TOTAL ORGANIC CARBON (TOC) ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION		DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOC, mg/L
8503-271-0010	SW-1		3-11-85	3-13-85	3-20-85	3.3
-0020	SW-2		3-11-85	3-13-85	3-20-85	11.0
-0030	SW-3		3-11-85	3-13-85	3-20-85	9.0
-0040	SW-4		3-11-85	3-13-85	3-20-85	3.0
-0050	SW-6		3-11-85	3-13-85	3-20-85	4.5
-0060	SW-7		3-11-85	3-13-85	3-20-85	5.3
-0070	SW-8		3-11-85	3-13-85	3-20-85	6.0
-0080	SW-9		3-11-85	3-13-85	3-20-85	5.6
-0140	SW-13		3-11-85	3-13-85	3-20-85	7.0
-0150	SW-14		3-11-85	3-13-85	3-20-85	3.1
-0150DUP	SW-14	LAB DUP	3-11-85	3-13-85	3-20-85	3.0
-0160	SW-15		3-11-85	3-13-85	3-20-85	3.0
-0170	SW-16		3-11-85	3-13-85	3-20-85	4.7
8503-277-0150	SW-17		3-13-85	3-14-85	3-22-85	5.6
-0160	SW-18		3-13-85	3-14-85	3-22-85	8.4

IV. TOTAL ORGANIC CARBON (TOC) (CON'T.)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOC, mg/L
8503-277-0070	SW-19	3-13-85	3-14-85	3-22-85	8.0
-0080	SW-20	3-13-85	3-14-85	3-22-85	8.4
8503-272-0010	SW-21	3-12-85	3-13-85	3-21-85	6.7
-0020	SW-22	3-12-85	3-13-85	3-21-85	6.7
-0040	SW-24	3-12-85	3-13-85	3-21-85	14.0
8503-277-0140	SW-25	3-13-85	3-14-85	3-22-85	8.6
-0090	SW-26	3-13-85	3-14-85	3-22-85	9.7
-0100	SW-27	3-13-85	3-14-85	3-22-85	9.9
-0110	SW-28	3-13-85	3-14-85	3-22-85	8.6
-0130	SW-29	3-13-85	3-14-85	3-22-85	13.0
8503-272-0030	SW-30	3-12-85	3-13-85	3-21-85	8.5
8503-277-0120	SW-31	3-13-85	3-14-85	3-22-85	6.4
8503-271-0130	SW-32	3-11-85	3-13-85	3-20-85	<0.5
8503-272-0050	SW-34	3-12-85	3-13-85	3-21-85	1.1
8503-277-0010	PW-1	3-13-85	3-14-85	3-21-85	0.7
-0020	PW-2	3-13-85	3-14-85	3-21-85	1.6
-0030	PW-3	3-13-85	3-14-85	3-21-85	<0.5
-0040	PW-4	3-13-85	3-14-85	3-21-85	0.9
-0040DUP	PW-4 LAB DUP	3-13-85	3-14-85	3-21-85	<0.5
-0050	PW-5	3-13-85	3-14-85	3-21-85	<0.5
-0060	PW-6	3-13-85	3-14-85	3-22-85	0.6
8503-297-0010	RFW-1	3-19-85	3-20-85	3-22-85	3.7
-0020	RFW-2	3-19-85	3-20-85	3-22-85	3.1
-0020DUP	RFW-2 LAB DUP	3-19-85	3-20-85	3-22-85	2.8
-0030	RFW-3	3-19-85	3-20-85	3-22-85	0.8
-0040	RFW-4	3-19-85	3-20-85	3-22-85	1.6
8503-316-0060	RFW-5	3-22-85	3-25-85	4-05-85	0.8
8503-297-0060	RFW-6	3-19-85	3-20-85	3-22-85	2.1

IV. TOTAL ORGANIC CARBON (TOC) (CON'T.)

R.F.W. NO.	SAMPLE DESCRIPTION		DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOC, mg/L
8503-300-0010	RFW-7		3-20-85	3-21-85	3-28-85	2.5
-0020	RFW-8		3-20-85	3-21-85	3-28-85	3.0
-0030	RFW-9		3-20-85	3-21-85	3-28-85	0.6
8503-306-0020	RFW-10		3-21-85	3-22-85	4-03-85	9.6
-0030	RFW-11		3-21-85	3-22-85	4-03-85	1.2
-0040	RFW-12		3-21-85	3-22-85	4-03-85	20.6
-0050	RFW-13		3-21-85	3-22-85	4-03-85	3.2
-0050DUP	RFW-13	LAB DUP	3-21-85	3-22-85	4-03-85	3.4
-0060	RFW-14		3-21-85	3-22-85	4-03-85	1.8
-0070	RFW-15		3-21-85	3-22-85	4-03-85	1.4
8504-367-0010	RFW-16		4-03-85	4-04-85	4-15-85	3.1
-0030	RFW-18		4-03-85	4-04-85	4-15-85	1.8
-0060	RFW-19		4-03-85	4-04-85	4-15-85	0.9
-0070	RFW-20		4-03-85	4-04-85	4-15-85	1.7
8503-316-0080	RFW-21		3-22-85	3-25-85	4-05-85	17.5
-0070	RFW-22		3-22-85	3-25-85	4-05-85	6.0
-0090	RFW-23		3-22-85	3-25-85	4-05-85	1.2
8504-367-0040	RFW-24		4-03-85	4-04-85	4-15-85	3.2
8503-332-0030	RFW-28		3-26-85	3-27-85	4-15-85	1.2
-0050	RFW-29		3-26-85	3-27-85	4-15-85	21.8
-0060	RFW-30		3-26-85	3-27-85	4-15-85	1.9
-0070	RFW-31		3-26-85	3-27-85	4-15-85	15.3
8503-339-0010	RFW-32		3-27-85	3-28-85	4-15-85	12.3
8504-379-0010	RFW-33		4-05-85	4-09-85	4-16-85	55.8
8503-337-0020	RFW-34		3-27-85	3-28-85	4-15-85	299
-0030	RFW-35		3-27-85	3-28-85	4-15-85	225
8503-316-0050	RFW-36		3-22-85	3-25-85	4-05-85	1.4
8503-297-0050	RFW-37		3-19-85	3-20-85	3-22-85	1.1
8503-306-0010	RFW-38		3-21-85	3-22-85	4-03-85	1.0
8504-367-0050	RFW-39		4-03-85	4-04-85	4-15-85	0.5

IV. TOTAL ORGANIC CARBON (TOC) (CON'T.)

a) NOTE: There were no SW-5 or SW-23 samples submitted for analysis and TOC analysis was not requested for samples SW-33, RFW-17, RFW-25, RFW-26, and RFW 27.

b) All samples were analyzed by EPA METHOD 415.2 using a DOHRMANN DC 80 Carbon Analyzer within the EPA recommended holding time of 28 days between date of collection and date of analysis. A detection limit of 500 µg/L was achieved.

V. TOTAL ORGANIC HALOGEN (TOX) ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOX, µg/L
8503-271-0010	SW-1	2-11-85	3-13-85	3-22-85	50
-0020	SW-2	3-11-85	3-13-85	3-22-85	15
-0030	SW-3	3-11-85	3-13-85	3-22-85	13
-0040	SW-4	3-11-85	3-13-85	3-22-85	22
-0050	SW-6	3-11-85	3-13-85	3-22-85	19
8503-316-0040	SW-7	3-22-85	3-25-85	4-04-85	38
8503-271-0070	SW-8	3-11-85	3-13-85	3-22-85	10
-0070DUP	SW-8 LAB DUP	3-11-85	3-13-85	3-22-85	6
-0080	SW-9	3-11-85	3-13-85	3-22-85	19
-0090	SW-10	3-11-85	3-13-85	3-22-85	35
-0100	SW-11	3-11-85	3-13-85	3-22-85	6
-0110	SW-12	3-11-85	3-13-85	3-22-85	10
-0140	SW-13	3-11-85	3-13-85	3-22-85	17

V. TOTAL ORGANIC HALOGEN (TOX) (CON'T.)

R.F.W. NO.	SAMPLE DESCRIPTION	DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOX, µg/L
8503-271-0150	SW-14	3-11-85	3-13-85	3-22-85	35
-0160	SW-15	3-11-85	3-13-85	3-22-85	28
-0170	SW-16	3-11-85	3-13-85	3-22-85	42
8503-277-0150	SW-17	3-13-85	3-14-85	3-29-85	23
-0160	SW-18	3-13-85	3-14-85	3-29-85	24
-0070	SW-19	3-13-85	3-14-85	3-29-85	23
-0080	SW-20	3-13-85	3-14-85	3-29-85	24
8503-272-0010	SW-21	3-12-85	3-13-85	3-26-85	23
-0020	SW-22	3-12-85	3-13-85	3-26-85	20
-0040	SW-24	3-12-85	3-13-85	3-26-85	53
8503-277-0140	SW-25	3-13-85	3-14-85	3-29-85	21
-0090	SW-26	3-13-85	3-14-85	3-29-85	36
-0100	SW-27	3-13-85	3-14-85	3-29-85	32
-0110	SW-28	3-13-85	3-14-85	3-29-85	35
-0130	SW-29	3-13-85	3-14-85	3-29-85	35
8503-272-0030	SW-30	3-12-85	3-13-85	3-26-85	28
8503-277-0120	SW-31	3-13-85	3-14-85	3-29-85	22
8503-271-0130	SW-32	3-11-85	3-13-85	3-22-85	17
-0120	SW-33	3-11-85	3-13-85	3-22-85	9
8503-272-0050	SW-34	3-12-85	3-13-85	3-26-85	23
8503-277-0010	PW-1	3-13-85	3-14-85	3-26-85	27
-0020	PW-2	3-13-85	3-14-85	3-26-85	110
-0030	PW-3	3-13-85	3-14-85	3-26-85	80
-0040	PW-4	3-13-85	3-14-85	3-26-85	33
-0050	PW-5	3-13-85	3-14-85	3-29-85	18
-0060	PW-6	3-13-85	3-14-85	3-29-85	62
8503-297-0010	RFW-1	3-19-85	3-20-85	3-29-85	20
-0020	RFW-2	3-19-85	3-20-85	3-29-85	36
-0030	RFW-3	3-19-85	3-20-85	3-29-85	<5

WESTON

DATE OF REPORT: MAY 30, 1985

PEASE A.F.B. (WATER SAMPLES - CON'T.) PG.11

V. TOTAL ORGANIC HALOGEN (TOX) (CON'T.)

R.F.W. NO.	SAMPLE DESCRIPTION		DATE COLLECTED	DATE RECD	DATE ANALYZED	TOX, µg/L
8503-297-0040	RFW-4		3-19-85	3-20-85	3-29-85	6
8503-316-0060	RFW-5		3-22-85	3-25-85	4-04-85	18
8503-297-0060	RFW-6		3-19-85	3-20-85	4-02-85	19
8503-300-0010	RFW-7		3-20-85	3-21-85	4-02-85	7
-0020	RFW-8		3-20-85	3-21-85	4-02-85	83
-0030	RFW-9		3-20-85	3-21-85	4-02-85	<5
8503-306-0020	RFW-10		3-21-85	3-22-85	4-02-85	359
-0030	RFW-11		3-21-85	3-22-85	4-02-85	8
-0040	RFW-12		3-21-85	3-22-85	4-02-85	100
-0050	RFW-13		3-21-85	3-22-85	4-02-85	10
-0060	RFW-14		3-21-85	3-22-85	4-04-85	6
-0070	RFW-15		3-21-85	3-22-85	4-04-85	10
8504-367-0010	RFW-16		4-03-85	4-04-85	4-10-85	5
-0030	RFW-18		4-03-85	4-04-85	4-10-85	11
-0060	RFW-19		4-03-85	4-04-85	4-10-85	5
-0070	RFW-20		4-03-85	4-04-85	4-10-85	11
8503-316-0080	RFW-21		3-22-85	3-25-85	4-04-85	8
-0070	RFW-22		3-22-85	3-25-85	4-04-85	6
-0090	RFW-23		3-22-85	3-25-85	4-04-85	11
8504-367-0040	RFW-24		4-03-85	4-04-85	4-10-85	<5
8503-332-0030	RFW-28		3-26-85	3-27-85	4-04-85	5
-0030DUP	RFW-28	LAB DUP	3-26-85	3-27-85	4-04-85	8
-0050	RFW-29		3-26-85	3-27-85	4-04-85	34
-0060	RFW-30		3-26-85	3-27-85	4-04-85	<5
-0070	RFW-31		3-26-85	3-27-85	4-05-85	43
8503-339-0010	RFW-32		3-27-85	3-28-85	4-08-85	40
8504-379-0010	RFW-33		4-05-85	4-09-85	4-25-85	341
8503-339-0020	RFW-34		3-27-85	3-28-85	4-08-85	203
-0030	RFW-35		3-27-85	3-28-85	4-08-85	270

V. TOTAL ORGANIC HALOGEN (TOX)(CON'T.)

R.F.W. NO.	SAMPLE DESCRIPTION		DATE COLLECTED	DATE REC'D	DATE ANALYZED	TOX, µg/L
8503-316-0050	RFW-36		3-22-85	3-25-85	4-04-85	<5
-0050 DUP	RFW-36	LAB DUP	3-22-85	3-25-85	4-04-85	<5
8503-297-0050	RFW-37		3-19-85	3-20-85	3-29-85	<5
-0050 DUP	RFW-37	LAB DUP	3-19-85	3-20-85	3-29-85	<5
8503-306-0010	RFW-38		3-21-85	3-22-85	4-02-85	23
8504-367-0050	RFW-39		4-03-85	4-04-85	4-10-85	<5

NOTE: There were no SW-5 or SW-23 samples submitted for analysis and TOX analysis was not requested for samples RFW-17, RFW-25, RFW-26, and RFW-27.

b) All samples were analyzed by EPA METHOD 450.1 using a DOHRMANN DX 20 TOX ANALYZER. Although no EPA recommended holding times specific to TOX analyses are described in 40 CFR 136, a maximum 21 day holding time has been agreed to with the AIR FORCE as an absolute limit. Therefore all samples were analyzed within the 21 day holding time.

VI. TOTAL METALS ANALYSIS

a)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL As µg/L	Ba µg/L	Cd µg/L	Cr µg/L	Cu µg/L	Fe µg/L	Pb µg/L	Hg µg/L	Ni µg/L	Se µg/L	Ag µg/L	Zn µg/L
8503-271-0020	SW-2	12	<20	<2.5	180	65	2,590	<10	<0.5	<100	<10	<2.5	<20
-0030	SW-3	<10	<20	<2.5	150	57	660	<10	<0.5	<100	<10	<2.5	<20
-0040	SW-4	<10	<20	<2.5	160	25	320	12	<0.5	<100	<10	<2.5	<20
-0050	SW-6	<10	<20	<2.5	160	<10	780	<10	<0.5	<100	<10	<2.5	<20
-0060	SW-7	12	<20	<2.5	160	<10	4,990	12	<0.5	<100	<10	<2.5	<20
-0070	SW-8	<10	<20	<2.5	160	10	330	<10	<0.5	<100	<10	<2.5	<20
-0080	SW-9	<10	<20	<2.5	140	<10	310	<10	0.8	<100	<10	<2.5	<20
-0140	SW-13	<10	<20	<2.5	160	65	1,830	<10	<0.5	<100	<10	<2.5	<20
-0150	SW-14	<10	<20	<2.5	130	59	1,110	<10	<0.5	<100	<10	<2.5	<20
-0160	SW-15	<10	<20	<2.5	150	<10	320	<10	<0.5	<100	<10	<2.5	<20
-0170	SW-16	<10	<20	<2.5	140	96	2,400	<10	<0.5	<100	<10	<2.5	<20
8503-277-0070	SW-19	<10	<20	<2.5	120	<10	860	<10	<0.5	<100	<10	<2.5	<20
-0080	SW-20	<10	<20	5.6	140	68	2,170	16	<0.5	<100	<10	<2.5	20
8503-272-0010	SW-21	<10	<20	<2.5	140	10	760	<10	<0.5	<100	<10	<2.5	<20
-0020	SW-22	<10	<20	3.9	130	22	1,920	37	<0.5	<100	<10	<2.5	20
-0040	SW-24	<10	<20	<2.5	100	<10	410	<10	<0.5	<100	<10	<2.5	<20
-0140	SW-25	<10	<20	2.5	110	64	1,820	<10	<0.5	<100	<10	<2.5	30
-0090	SW-26	<10	<20	<2.5	120	56	530	<10	<0.5	<100	<10	<2.5	<20
-0100	SW-27	<10	<20	<2.5	140	<10	320	<10	<0.5	<100	<10	<2.5	<20
-0110	SW-28	<10	30	<2.5	110	50	11,300	15	<0.5	<100	<10	<2.5	20
-0130	SW-29	<10	20	4.4	120	64	1,990	<10	1.0	<100	<10	<2.5	30
8503-272-0030	SW-30	<10	<20	8.5	70	125	4,970	45	<0.5	<100	<10	<2.5	70

VI. TOTAL METALS ANALYSIS (CON'T.)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL As µg/L	Ba µg/L	Cd µg/L	Cr µg/L	Cu µg/L	Fe µg/L	Pb µg/L	Hg µg/L	Ni µg/L	Se µg/L	Ag µg/L	Zn µg/L
8503-277-0120	SW-31	<10	<20	2.5	120	50	1,780	<10	<0.5	<100	<10	<2.5	30
8503-271-0130	SW-32	<10	<20	<2.5	150	<10	<50	<10	0.8	<100	<10	<2.5	<20
8503-272-0050	SW-34	<10	<20	<2.5	110	<10	<50	<10	<0.5	<100	<10	<2.5	<20
8503-277-0010	PW-1	<10	<20	<2.5	130	22	<50	<10	<0.5	<100	<10	<2.5	<20
-0020	PW-2	<10	<20	<2.5	120	34	<50	14	<0.5	<100	<10	<2.5	<20
-0030	PW-3	<10	<20	<2.5	120	70	<50	<10	2.3	<100	<10	<2.5	<20
-0040	PW-4	<10	<20	<2.5	120	14	<50	<10	<0.5	<100	<10	<2.5	<20
-0050	PW-5	<10	<20	<2.5	130	<10	<50	<10	<0.5	<100	<10	<2.5	<20
-0060	PW-6	<10	<20	<2.5	130	12	<50	<10	1.4	<100	<10	<2.5	220
8503-316-0060	RFW-5	<10	<20	<2.5	<50	<10	620	14	0.6	<100	<10	<2.5	<20
8503-297-0060	RFW-6	<10	<20	<10	<50	<20	230	<10	1.2	<100	<10	<2.5	50
8503-300-0010	RFW-7	<10	<20	<2.5	<50	85	1,500	24	<0.5	<100	<10	<2.5	50
-0020	RFW-8	<10	<20	4.4	<50	80	5,330	30	0.9	<100	<10	<2.5	70
-0030	RFW-9	<10	<20	<2.5	<50	<10	260	<10	<0.5	<100	<10	<2.5	30
8504-367-0030	RFW-18	<10	60	<10	<50	<20	290	<10	<0.5	<100	<10	<2.5	70
-0060	RFW-19	<10	60	<10	<50	<20	200	<10	<0.5	<100	<10	<2.5	60
-0070	RFW-20	<10	60	<10	<50	<20	2,540	<10	<0.5	<100	<10	<2.5	80
8503-316-0080	RFW-21	<10	<20	<2.5	<50	<10	360	<10	<0.5	<100	<10	<2.5	20
-0070	RFW-22	<10	<20	<2.5	<50	18	1,740	<10	<0.5	<100	<10	<2.5	60
-0090	RFW-23	<10	<20	<2.5	<50	<10	660	<10	<0.5	<100	<10	<2.5	<20
8504-367-0040	RFW-24	<10	40	<10	<50	<20	190	<10	<0.5	<100	<10	<2.5	70
8503-332-0050	RFW-29	37	40	<2.5	<50	<10	4,320	<10	<0.5	<100	<10	<2.5	20

VI. TOTAL METALS ANALYSIS (CON'T.)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL As µg/L	Ba µg/L	Cd µg/L	Cr µg/L	Cu µg/L	Fe µg/L	Pb µg/L	Hg µg/L	Ni µg/L	Se µg/L	Ag µg/L	Zn µg/L
8503-332-0060	RFW-30	148	<20	<2.5	<50	<10	140	<10	<0.5	<100	<10	<2.5	<20
-0070	RFW-31	30	60	<2.5	<50	<10	9,950	<10	<0.5	<100	<10	<2.5	30
8503-339-0010	RFW-32	<10	30	3.4	<50	43	1,760	<10	<0.5	<100	<10	<2.5	120
8503-379-0010	RFW-33	<10	<20	<10	<50	<20	540	<10	<0.5	<100	<10	<2.5	360
8503-339-0020	RFW-34	108	60	<2.5	<50	<10	4,820	<10	<0.5	<100	<10	<2.5	20
-0030	RFW-35	26	70	<2.5	<50	11	35,900	39	<0.5	<100	<10	<2.5	20
8503-306-0010	RFW-38	<10	<20	<2.5	<50	<10	50	<10	<0.5	<100	<10	<2.5	<20
8504-367-0050	RFW-39	<10	40	<10	<50	<20	100	<10	<0.5	<100	<10	<2.5	50

NOTE: THERE WERE NO SAMPLES REC'D IDENTIFIED AS SW-5 OR SW-23. TOTAL METALS ANALYSIS WAS NOT REQUESTED FOR SAMPLES SW-1, SW-10, SW-11, SW-12, SW-17, SW-18, SW-33, RFW-1, RFW-2, RFW-3, RFW-4, RFW-10, RFW-11, RFW-12, RFW-13, RFW-14, RFW-15, RFW-16, RFW-17, RFW-25, RFW-26, RFW-27, RFW-28, RFW-36 AND RFW-37.

b) All samples were analyzed within the EPA recommended holding time of six months from date of collection to date of analysis. The method of analysis and the requested and achieved detection limits are as follows:

METAL	METHOD	REQUESTED DETECTION LIMIT	ACHIEVED DETECTION LIMIT
ARSENIC	EPA 206.2	10µg/L	10µg/L
BARIUM	EPA 208.1	200µg/L	200µg/L
CADMIUM	EPA 213.2	10µg/L	2.5 and 10µg/L
CHROMIUM	EPA 218.1	50µg/L	50µg/L
COPPER	EPA 220.1	20µg/L	10 and 20µg/L
IRON	EPA 236.1	100µg/L	50µg/L
LEAD	EPA 239.2	20µg/L	10µg/L
MERCURY	EPA 245.2	1µg/L	0.5µg/L
NICKEL	EPA 249.1	100µg/L	100µg/L
SELENIUM	EPA 270.2	10µg/L	10µg/L
SILVER	EPA 272.2	10µg/L	2.5µg/L
ZINC	EPA 289.1	50µg/L	20µg/L

Approved By: [signature]

For Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

PEASE A.F.B.
ORGANICS SUMMARY REPORT
W.O. NO. 0628-09-05

I. PURGEABLE ORGANIC COMPOUNDS (VOC) by EPA METHOD 601,602

a) Samples PW-1, PW-2, PW-3, PW-4, PW-4, PW-5, PW-6, RFW-21, RFW-22 and RFW-23 exceeded the EPA recommended holding time of 14 days from date of collection to date of analysis as follows:

R.F.W. NO.	SAMPLE DESCRIPTION	NO. DAYS EXCEEDED
8503-277-0010	PW-1	19 DAYS
-0020	PW-2	19 DAYS
-0030	PW-3	19 DAYS
-0040	PW-4	19 DAYS
-0050	PW-5	19 DAYS
-0060	PW-6	19 DAYS
8503-316-0080	RFW-21	10 DAYS
-0070	RFW-22	10 DAYS
-0090	RFW-23	10 DAYS

b) Samples RFW-18, RFW-19, RFW-20, RFW-24 and RFW-39 did not exceed the recommended holding time.

c) Sample concentrations are attached.

PEASE A.F.B. (WATER SAMPLES - CON'T.)

II. PESTICIDE/HERBICIDE ANALYSIS

a) Samples RFW-5 and SW-7 exceeded the EPA recommended holding time of 7 days between date of collection and date of extraction for PESTICIDE analysis only by three days.

b) Although the requested methods (STND. METHODS 509A and 509B) were used for analysis of these samples, the requested detection limits could not be met.

c) Sample concentrations follow.

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

PEASE A.F.B.
HERBICIDE/PESTICIDE SUMMARY REPORT
W.O. NO. 0628-09-05

	8503-					8503-				
R.F.W. NO.:	271-0170	271/BLANK	271/SPIKE	271/SD	271-0130	316-0060	297-0060	300-0010	300-0020	300-0030
SAMPLE DESCRIPTION:	SW-16	LAB BLK.	BLK. SPK	SPK. DUP	SW-32	RFW-5	RFW-6	RFW-7	RFW-8	RFW-9
DATE COLLECTED:	3-11-85	-------	-------	-------	3-11-85	3-22-85	3-19-85	3-20-85	3-20-85	3-20-85
DATE EXTRACTED:	3-13-85P 3-14-85H	3-13-85P 3-14-85H	3-13-85P 3-14-85H	3-13-85P 3-14-85H	3-13-85P 3-14-85H	4-1-85P 3-26-85H	3-25-85P 3-26-85H	3-25-85P 3-26-85H	3-25-85P 3-26-85H	3-25-85P 3-26-85H
DATE ANALYZED:	4-6-85P 3-22-85H	4-6-85P 3-22-85H	4-6-85P 3-22-85H	4-6-85P 3-22-85H	4-6-85P 3-22-85H	4-6-85P 4-18-85H	4-6-85P 4-18-85H	4-6-85P 4-18-85H	4-6-85P 4-18-85H	4-6-85P 4-18-85H
PARAMETER, µg/L	µg/L	µg/L	%	%	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
ALDRIN	<0.036	<0.036	60% RECOVERY	60% RECOVERY	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036
DDT ISOMER	<0.24	<0.24	160% RECOVERY	160% RECOVERY	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
DIELDRIN	<0.054	<0.054	98% RECOVERY	100% RECOVERY	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054
ENDRIN	<0.20	<0.20	88% RECOVERY	92% RECOVERY	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
HEPTACHLOR	<0.046	<0.046	85% RECOVERY	90% RECOVERY	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046
LINDANE	<0.14	<0.14	175% RECOVERY	135% RECOVERY	<0.14	<0.14	0.38	0.56	<0.14	0.32
METHOXYCHLOR	<0.67	<0.67	N.S.	N.S.	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
DIAZINON	<0.045	<0.045	N.S.	N.S.	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
MALATHION	<0.070	<0.070	N.S.	N.S.	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070
PARATHION	<0.070	<0.070	N.S.	N.S.	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070
TOXAPHENE	<15	<15	N.S.	N.S.	<15	<15	<15	<15	<15	<15
2,4-D	<0.5	<0.5	94% RECOVERY	85% RECOVERY	<0.5	<0.56	<0.56	<0.56	<0.56	<0.56
2,4,5-T	<0.5	<0.5	N.S.	N.S.	<0.5	<0.56	<0.56	<0.56	<0.56	<0.56
2,4,5-TP (SILVEX)	<0.5	<0.5	N.S.	N.S.	<0.5	<0.56	<0.56	<0.56	<0.56	<0.56

BLK. = BLANK
SPK. = SPIKE

N.S. = NOT SPIKED

PEASE A.F.B.
HERBICIDE/PESTICIDE SUMMARY REPORT
8503- W.O. NO. 0628-09-05

R.F.W. NO.:	271-0020	271-0030	271-0040	271-0050	316-0040	271-0070	271-0080	271-0140	271-0150	271-0160
SAMPLE DESCRIPTION:	SW-2	SW-3	SW-4	SW-6	SW-7	SW-8	SW-9	SW-13	SW-14	SW-15
DATE COLLECTED:	3-11-85	3-11-85	3-11-85	3-11-85	3-22-85	3-11-85	3-11-85	3-11-85	3-11-85	3-11-85
DATE EXTRACTED:	3-13-85P 3-14-85H	3-13-85P 3-14-85H	3-13-85P 3-14-85H	3-13-85P 3-14-85H	4-1-85P 3-26-85H	3-13-85P 3-14-85H	3-13-85P 3-14-85H	3-13-85P 3-14-85H	3-13-85P 3-14-85H	3-13-85P 3-14-85H
DATE ANALYZED:	4-6-85P 3-22-85H	4-6-85P 3-22-85H	4-6-85P 3-22-85H	4-6-85P 3-22-85H	4-6-85P 4-18-85H	4-6-85P 4-18-85H	4-6-85P 3-22-85H	4-6-85P 3-22-85H	4-6-85P 3-22-85H	4-6-85P 3-22-85H
PARAMETER, µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
ALDRIN	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036
DDT ISOMER	<0.24	<0.24	<0.24	<0.24	0.80	<0.24	<0.24	<0.24	<0.24	<0.24
DIELDRIN	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054
ENDRIN	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
HEPTACHLOR	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046	0.130	<0.046
LINDANE	0.60	<0.14	<0.14	0.42	<0.14	<0.14	<0.14	0.47	<0.14	<0.14
METHOXYCHLOR	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
DIAZINON	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
MALATHION	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070
PARATHION	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070
TOXAPHENE	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15
2,4-D	<0.5	<0.5	<0.5	<0.5	<0.56	<0.5	<0.5	<0.5	<0.5	<0.5
2,4,5-T	<0.5	<0.5	<0.5	<0.5	<0.56	<0.5	<0.5	<0.5	<0.5	<0.5
2,4,5-TP (SILVEX)	<0.5	<0.5	<0.5	<0.5	<0.56	<0.5	<0.5	<0.5	<0.5	<0.5

PEASE A.F.B.
HERBICIDE/PESTICIDE SUMMARY REPORT
8503- W.O. NO. 0628-09-05

R.F.W. NO.:	332-0050	332-0060	332-0070	306-0010	--------	SPIKE	SPIKE DP	--------	--------	
SAMPLE DESCRIPTION:	RFW-29	RFW-30	RFW-31	RFW-38	SOLVENT BLANK	BLANK SPIKE	SPIKE DUP.	METHOD SPIKE	METHOD SPIKE DP	
DATE COLLECTED:	3-26-85	3-26-85	3-26-85	3-26-85	--------	--------	--------	--------	--------	
DATE EXTRACTED:	4-1-85P 3-29-85H	4-1-85P 3-29-85H	4-1-85P 3-29-85H	3-25-85P 3-26-85H	3-25-85P 3-26-85H	3-25-85P 3-26-85H	3-25-85P 3-26-85H	3-25-85P 3-26-85H	3-25-85P 3-26-85H	
DATE ANALYZED:	4-6-85P 4-18-85H	4-6-85P 4-18-85H	4-6-85P 4-18-85H	4-6-85P 4-18-85H	4-6-85P 4-18-85H	4-6-85P 4-18-85H	4-6-85P 4-18-85H	4-6-85P --------	4-6-85P --------	
PARAMETER, µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	%	%	%	%	
ALDRIN	<0.036	<0.036	<0.036	<0.036	<0.036	75% RECOVERY	80% RECOVERY	85% RECOVERY	90% RECOVERY	
DDT ISOMER	<0.24	<0.24	<0.24	<0.24	<0.24	160% RECOVERY	180% RECOVERY	170% RECOVERY	180% RECOVERY	
DIELDRIN	<0.054	<0.054	<0.054	<0.054	<0.054	96% RECOVERY	100% RECOVERY	110% RECOVERY	120% RECOVERY	
ENDRIN	<0.20	<0.20	<0.20	<0.20	<0.20	84% RECOVERY	90% RECOVERY	98% RECOVERY	100% RECOVERY	
HEPTACHLOR	<0.046	<0.046	<0.046	<0.046	<0.046	90% RECOVERY	100% RECOVERY	105% RECOVERY	110% RECOVERY	
LINDANE	<0.14	<0.14	<0.14	0.22	<0.14	120% RECOVERY	120% RECOVERY	110% RECOVERY	110% RECOVERY	
METHOXYCHLOR	<0.67	<0.67	<0.67	<0.67	<0.67	N.S.	N.S.	N.S.	N.S.	
DIAZINON	<0.045	<0.045	<0.045	<0.045	<0.045	N.S.	N.S.	hidden by Lindane	hidden by Lindane	
MALATHION	<0.070	<0.070	<0.070	<0.070	<0.070	N.S.	N.S.	5.7% RECOVERY	5.4% RECOVERY	
PARATHION	<0.070	<0.070	<0.070	<0.070	<0.070	N.S.	N.S.	8.2% RECOVERY	8.3% RECOVERY	
TOXAPHENE	<15	<15	<15	<15	<15	N.S.	N.S.	N.S.	N.S.	
2,4-D	<0.56	<0.56	1.29	<0.56	<0.56	82% RECOVERY	108% RECOVERY	N.S.	N.S.	
2,4,5-T	<0.56	<0.56	<0.56	<0.56	<0.56	N.S.	N.S.	N.S.	N.S.	
2,4,5-TP (SILVEX)	<0.56	<0.56	<0.56	<0.56	<0.56	N.S.	N.S.	N.S.	N.S.	

N.S. = NOT SPIKED

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: March 13, 1985

DATE RECEIVED: March 14, 1985

DATE ANALYZED: April 16, 1985

RFW NO.: 8503-277-0010

SAMPLE DESCRIPTION: PW-1

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	4.6
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-171

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: March 13, 1985

DATE RECEIVED: March 14, 1985

DATE ANALYZED: April 16, 1985

RFW NO.: 8503-277-0020

SAMPLE DESCRIPTION: PW-2

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	4.5
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-172

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: March 13, 1985

RFW NO.: 8503-277-0030

SAMPLE DESCRIPTION: PW-3

DATE RECEIVED: March 14, 1985

DATE ANALYZED: April 16, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	5.7
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	6.3
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By Earl M. Hansen

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Manager
WESTON Analytical Laboratorie

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: March 13, 1985

DATE RECEIVED: March 14, 1985

RFW NO.: 8503-277-0040

DATE ANALYZED: April 16, 1985

SAMPLE DESCRIPTION: PW-4

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	350
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	3.5
CHLOROFORM	11.5	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	7.5
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	3.8
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	2.9
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: March 13, 1985

DATE RECEIVED: March 14, 1985

DATE ANALYZED: April 16, 1985

RFW NO.: 8503-277-0050

SAMPLE DESCRIPTION: PW-5

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	8.4
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: May 30, 1985

)ATA SUMMARY FOR: PEASE A.F.B.

)ATE SAMPLE COLLECTED: March 13, 1985

DATE RECEIVED: March 14, 1985

DATE ANALYZED: April 16, 1985

RFW NO.: 8053-277-0060

SAMPLE DESCRIPTION: PW-6

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	7.6
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	4.1	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	8.5	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	4.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: March 13, 1985

RFW NO.: 8503-277-0060 DUP

SAMPLE DESCRIPTION: PW-6 LAB DUPLICATE

DATE RECEIVED: March 14, 1985

DATE ANALYZED: April 16, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	6.6
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	3.6	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	8.5	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	4.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-177

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

RFW NO.: 8503-277/

DATE ANALYZED: April 16, 1985

SAMPLE DESCRIPTION: LAB BLANK

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-178

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

DATE ANALYZED: April 16, 1985

RFW NO.: 8503-277/SPIKE

SAMPLE DESCRIPTION: LAB BLANK SPIKE

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE *	80% RECOVERY
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM *	80% RECOVERY	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE *	92% RECOVERY
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE*	92% RECOVERY
1,1-DICHLOROETHANE	< 2.0	TOLUENE*	120% RECOVERY
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE*	94% RECOVERY
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

* SPIKED COMPOUNDS

Approved By: Earl M. Hansen

H-179

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: March 22, 1985

DATE RECEIVED: March 25, 1985

DATE ANALYZED: April 16, 1985

RFW NO.: 8503-316-0080

SAMPLE DESCRIPTION: RFW-21

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	2.4
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-180

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: March 22, 1985

DATE RECEIVED: March 25, 1985

DATE ANALYZED: April 16, 1985

RFW NO.: 8503-316-0070

SAMPLE DESCRIPTION: RFW-22

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	3.7
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: March 22, 1985

DATE RECEIVED: March 25, 1985

DATE ANALYZED: April 16, 1985

RFW NO.: 8503-316-0090

SAMPLE DESCRIPTION: RFW-23

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	2.9
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-102

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratorie

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 3, 1985

DATE RECEIVED: April 4, 1985

DATE ANALYZED: April 16, 1985

RFW NO.: 8504-367-0030

SAMPLE DESCRIPTION: RFW -18

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 3, 1985

DATE RECEIVED: April 4, 1985

RFW NO.: 8504-367-0040

DATE ANALYZED: April 16, 1985

SAMPLE DESCRIPTION: RFW-24

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLOROETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hans

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 3, 1985

DATE RECEIVED: April 4, 1985

DATE ANALYZED: April 16, 1985

RFW NO.: 8504-367-0050

SAMPLE DESCRIPTION: RFW-39

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 3, 1985

RFW NO.: 8504-367-0060

SAMPLE DESCRIPTION: RFW-19

DATE RECEIVED: April 4, 1985

DATE ANALYZED: April 16, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 3, 1985

RFW NO.: 8504-367-0070

SAMPLE DESCRIPTION: RFW-20

DATE RECEIVED: April 4, 1985

DATE ANALYZED: April 16, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: April 3, 1985

RFW NO.: 8504-367-0050 DUP

SAMPLE DESCRIPTION: RFW-39 DUPLICATE

DATE RECEIVED: April 4, 1985

DATE ANALYZED: April 16, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-188

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

RFW NO.: 8503-316 and 8504-367/

SAMPLE DESCRIPTION: LAB BLANK

DATE RECEIVED: DNA

DATE ANALYZED: April 16, 1985

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE	< 4.0	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE	< 4.0
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE	< 2
1,1-DICHLOROETHANE	< 2.0	TOLUENE	< 2
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE	< 2
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE	< 4.0		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

Approved By: Earl M. Hansen

H-189

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

DATE OF REPORT: May 30, 1985

DATA SUMMARY FOR: PEASE A.F.B.

DATE SAMPLE COLLECTED: DNA

DATE RECEIVED: DNA

RFW NO.: 8503-316 and 8504-367/SPIKE

DATE ANALYZED: April 16, 1985

SAMPLE DESCRIPTION: LAB D.I. SPIKE

GC ANALYSIS
VOLATILE COMPOUNDS
EPA METHOD 601, 602

REPORTING UNITS: ug/L

BROMOMETHANE *	93% RECOVERY	1,3-TRANS DICHLOROPROPENE	< 6.0
BROMOFORM	< 8.0	1,3-CIS DICHLOROPROPENE	< 2.0
CARBON TETRACHLORIDE	< 2.0	METHYLENE CHLORIDE	< 2.0
CHLOROBENZENE	< 2.0	1,1,2,2 TETRACHLOROETHANE	< 2.0
CHLORODIBROMOMETHANE	< 2.0	TETRACHLOROETHYLENE	< 4.0
CHLOROETHANE	< 2.0	1,2 TRANS DICHLOROETHYLENE	< 2.0
2-CHLOROETHYLVINYL ETHER	< 2.0	1,1,1 TRICHLOROETHANE	< 2.0
CHLOROFORM	< 2.0	1,1,2 TRICHLORDETHANE	< 2.0
DICHLOROBROMOMETHANE	< 2.0	TRICHLOROETHYLENE	< 2.0
DICHLORODIFLUOROMETHANE	< 4.0	TRICHLOROFLUOROMETHANE	< 3.0
1,2-DICHLOROBENZENE	< 3.0	VINYL CHLORIDE *	95% RECOVERY
1,3-DICHLOROBENZENE	< 3.0		
1,4-DICHLOROBENZENE	< 3.0	BENZENE *	90% RECOVERY
1,1-DICHLOROETHANE	< 2.0	TOLUENE *	120% RECOVERY
1,2-DICHLOROETHANE	< 2.0	ETHYL BENZENE *	91% RECOVERY
1,1-DICHLOROETHYLENE	< 2.0		
1,2-DICHLOROPROPANE	< 2.0	OTHER	
CHLOROMETHANE *	110% RECOVERY		

DETECTION LIMITS ARE INDICATED BY "LESS THAN" SIGNS

* SPIKED COMPOUNDS

Approved By: Earl M. Hansen

H-190

Earl M. Hansen, Ph.D.
Manager
WESTON Analytical Laboratories

Inter-Office Memorandum

WESTON MANAGERS DESIGNERS/CONSULTANTS

TO: [redacted]
cc:Alison Dunn
Judy Stone

FROM: Emily Carfioli

DATE: 20 July 1987

PROJECT: Pease A.F.B.

W.O. NO.: 0628-09-05

SUBJECT: Revised Report

ACTION:

Enclosed are two revised pages needed for the final Pease report. Sample 8410-792-0100 T.O.X. result was missing from the original. I've included a copy of the original data summary for reference. Please call if you have any other problems.

ECC:sjd

Date of Final Report:
25 January 1985

Date of Revised Report:
20 July 1987

WESTON

PEASE A.F.B.
SOIL SAMPLES
COLLECTION DATES: 25,26 OCT. 1984
W.O. NO. 0628-09-05

I. Oil and Grease Analysis

a) These samples were received by the laboratory on 29 October 1984. Analysis by IR (EPA Method 413.2) was completed on 23 November 1984 for sample no. 8410-792-0090 (TP 16) and for all others on 27 November 1984. EPA recommended holding times of 28 days applies to water samples. There are no tabulated holding times for soils.

b)

R.F.W. NO.	SAMPLE DESCRIPTION	OIL AND GREASE, mg/kg
8410-792-0010	TP1	37
-0020	TP2	199
-0030	TP4	2,180
-0040	TP6	368
-0050	TP8	237
-0060	TP9	5,790
-0070	TP15	56,000
-0080	TP15A	73,600
-0090	TP16	85
-0100	TP17	50

II. TOX Analysis

a) These samples were received by the laboratory on 29 October 1984. Analysis by EPA Method 9020 was completed on 24 January 1985. There are no EPA recommended holding times for TOX analysis. The requested detection limit of 5 µg/g was met in all cases. Sample concentrations follow:

Date of Final Report:
25 January 1985

Date of Revised Report:
20 July 1987

WESTON

PEASE A.F.B.-25, 26 OCTOBER 1984 (cont.)

b)

R.F.W. NO.	SAMPLE DESCRIPTION	TOX, µg/g
8410-792-0010	TP1	0.1
-0020	TP2	0.3
-0030	TP4	<0.1
-0040	TP6	<0.1
-0050	TP8	<0.1
-0060	TP9	0.1
-0070	TP15	26.0
-0080	TP15A	22.0
-0090	TP16	<0.1
-0100	TP17	<0.1

Approved By: _____
for Earl M. Hansen, Ph.D.
Director
Analytical Lab

inter-office memorandum

TO: Dick Kraybill
cc: Glenn Smart (memo only)
Earl Hansen (memo only)
Les Eng (memo only)
Rich Johnson (memo & report)

DATE: February 15, 1985

RECEIVED
FEB 20 1985
ROY F. WESTON, INC.
CONCORD OFFICE

FROM: Judy Porta

SUBJECT: LABORATORY REPORT
PEASE A.F.B.-SAMPLES RECEIVED NOV. 10, 1984

W. O. No.: 0628-09-05/

The enclosed report is complete except for the following:

1) Oil and Grease, TOX, and Total Metals analysis on samples 8411-831-0350 and 0390 identified as SW-23 and SW-25 respectively were not completed. According to the attached log in sheet, only TOC sample bottles were received. Please check your records to determine if analysis for these parameters was indeed requested; and, if so, were these samples actually included. Your "chain-of-custody" form (copy attached) shows a "1" in the remarks column.

2) Samples RFW 8411-831-0140 and 0190 identified as PW-4 and SW-2, respectively are scheduled for re-analysis of TOC. As soon as these results are ready, I will forward them to you.

3) Sample 8411-831-0010 identified as SW-10 was not analyzed for TOX. Please contact Les Eng directly concerning this sample.

Also attached is a memo to Fred Bopp documenting timesheet charges to date. If you have any questions, please don't hesitate to call.

JAP:bwm

Attachments

WESTON

PEASE AIR FORCE BASE
SUMMARY REPORT-SOIL SAMPLES
SAMPLES COLLECTED JAN. 8-9, 1985
W.O. NO. 0628-09-05

I. Oil and Grease Analysis

a) These samples were received by the laboratory on January 10, 1985. Analysis by EPA Method 413.2 was completed by January 23, 1985. The EPA recommended holding time of 28 days for preserved water samples was not exceeded. There are no tabulated holding times for soil samples. The requested detection limit was met. (All samples had positive values.) Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION		OIL & GREASE, µg/g
8501-050-0010	Site 10	10-TP-5	2,370
-0020	Site 10	10-TP-6	8,720
-0030	Site 7	7-TP-1	24,400
-0040	Site 7	7-TP-2	898
-0050	Site 22	22-TP-4	2,480

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

WESTON

PEASE AFB-SOIL SAMPLES (cont.)

II. TOX Analysis

a) These samples were received by the laboratory on January 10, 1985. Analysis by EPA Method 9020 was completed by January 24, 1985. There are no EPA recommended holding times for TOX analysis. The requested detection limit of 5 µg/g was achieved using a Dohrmann Model DX20 TOX Analyzer.

b)

R.F.W. NO.	SAMPLE DESCRIPTION		TOX, µg/g
8501-050-0030	Site 7	7-TP-1	10
-0040	Site 7	7-TP-2	1.0
-0050	Site 22	22-TP-4	<1.0

NOTE: No TOX analysis was requested for Samples 8501-050-0010 and 0020.

Approved By: Earl M Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

WESTON

PEASE AFB-SOIL SAMPLES (cont.)

II. TOX Analysis

a) These samples were received by the laboratory on January 10, 1985. Analysis by EPA Method 9020 was completed by January 24, 1985. There are no EPA recommended holding times for TOX analysis. The requested detection limit of 5 µg/g was achieved using a Dohrmann Model DX20 TOX Analyzer.

b)

R.F.W. NO.	SAMPLE DESCRIPTION		TOX, µg/g
8501-050-0030	Site 7	7-TP-1	10
-0040	Site 7	7-TP-2	1.0
-0050	Site 22	22-TP-4	<1.0

NOTE: No TOX analysis was requested for Samples 8501-050-0010 and 0020.

Approved By: Earl M Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

WESTON

PEASE AFB-SOIL SAMPLES (cont.)

III. Lead Analysis

a) These samples were received by the laboratory on January 10, 1985. Analysis by ICP atomic absorption was completed by January 30, 1985. The EPA recommended holding time for preserved water samples of six months was not exceeded. There are no tabulated holding times for soil samples. The requested detection limit of 2 µg/g was met. (All samples had positive values.) Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION		TOTAL LEAD, µg/g
8501-050-0010	Site 10	10-TP-5	149
-0020	Site 10	10-TP-6	167

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

inter-office memorandum

TO: Dick Kraybill
Glenn Smart

DATE: February 18, 1985

cc: Rich Johnson (memo only)

FROM: Judy Porta JAP

SUBJECT: PEASE A.F.B.
COMPLETED REPORTS

W. O. No.: 0628-09-05

The enclosed reports dated January 25, February 13 and February 14, 1985 for Pease A.F.B. complete all work presently in-house for this client. If you have any questions, please don't hesitate to call.

JAP:bwm

Enclosures

RECEIVED
FEB 20 1985
ROY F. WESTON, INC.
CONCORD OFFICE

WESTON

DATE OF FINAL REPORT: 25 January 1985

PEASE A.F.B.
SOIL SAMPLES
COLLECTED: November 8-10, 1984
W.O. #0628-05-39-00

I. Oil and Grease Analysis

a) These samples were received by the laboratory on November 10, 1984 and analysis was completed by November 30, 1984 using EPA METHOD 413.2 (IR). Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION	OIL & GREASE, mg/kg
8411-831-0280	SD-1	130
-0290	SD-2	180
-0300	SD-6	2,200
-0310	SD-7	93
-0410	SD-3	84
-0420	SD-4	88
-0430	SD-5	3,220

II. Tox Analysis

a) These samples were received by the laboratory on November 10, 1984 and analysis by EPA METHOD 9020 was completed by January 24, 1985. There are no published recommended EPA holding times for this analysis and the requested detection limit of 5 ug/g was met. Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION	TOX, ug/g
8411-831-0280	SD-1	0.1
-0290	SD-2	<0.1
-0300	SD-6	0.8
-0310	SD-7	<0.1
-0410	SD-3	0.1
-0420	SD-4	<0.1
-0430	SD-5	1.6

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Laboratory

WESTON

PEASE AIR FORCE BASE
SUMMARY REPORT: SOIL SAMPLES
DATE OF COLLECTION: DECEMBER 27-28, 1984
W.O. NO.: 0628-09-05

I. OIL AND GREASE ANALYSIS

a) These samples were received by the laboratory on December 28, 1984 and analysis by EPA Method 413.2 was completed by January 21, 1985. The EPA recommended holding time of 28 days applies to preserved water samples. There are no tabulated holding times for soils. Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION	OIL AND GREASE, mg/Kg
8501-001-0010	Bldg. 119 (GS-84-0333)	55
-0020	Bldg. 113 (GS-84-0334)	27
-0030	NW of Bldg. 113 (GS-84-0338)	947
-0040	Bldg. 466 (GS-84-0339)	217
-0050	Bldg. 466 (GS-84-0336)	149
-0060	Bldg. 466 (GS-84-0337)	37

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Laboratory

WESTON

PEASE AFB - SOIL SAMPLES (Con't)

II. TOX ANALYSIS

a) These samples were received by the laboratory on December 28, 1984 and analysis by EPA Method 9020 was completed by January 24, 1985. There are no published EPA recommended holding times for TOX. A detection limit of 0.1 µg/g was achieved using a Dohrmann Model DX20 Tox Analyzer. Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION	TOX, µg/g
8501-001-0010	Bldg. 119 (GS-84-0333)	<0.1
-0020	Bldg. 113 (GS-84-0334)	<0.1
-0030	NW of Bldg. 113 (GS-84-0338)	0.1
-0040	Bldg. 466 (GS-84-0339)	0.7
-0050	Bldg. 466 (GS-84-0336)	0.1
-0060	Bldg. 466 (GS-84-0337)	<0.1

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Laboratory

WESTON

PEASE AFB - SOIL SAMPLES (Con't)

III. TOTAL PHENOLICS ANALYSIS

a) These samples were received by the laboratory on December 28, 1984. Analysis by EPA Method 420.1 was completed on January 12, 1985. The EPA recommended holding time of 28 days for preserved water samples was not exceeded. There are no tabulated holding times for soil samples. The requested detection limit of 1 µg/g was not achieved. EPA Method 420.1 is sensitive to only 5 µg/g for water samples. We were able to achieve a 0.12 µg/g detection limit for these soil samples.

b)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL PHENOLICS, µg/g
8501-001-0010	Bldg. 119 (GS-84-0333)	<0.12
-0020	Bldg. 113 (GS-84-0334)	<0.12
-0030	NW Bldg. 113 (GS-84-0338)	<0.12

NOTE: TOTAL PHENOLICS were not requested for samples 8501-001-0040 to 0060.

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Laboratory

WESTON

PEASE AFB - SOIL SAMPLES (Con't)

IV. TOTAL METALS ANALYSIS

a) These samples were received by the laboratory on December 28, 1984. Barium, Cadmium, Chromium, Copper, Iron, Lead, Silver, Zinc and Nickel analysis by ICP atomic absorption was completed by January 23, 1985. Arsenic and Selenium analysis by flame atomic absorption was completed by January 15, 1985. Mercury analysis by flameless (cold vapor) atomic absorption was completed by January 22, 1985. There are no tabulated EPA holding times for metals analysis of soil. All requested detection limits were achieved. Sample concentrations follow:

PEASE AFB - SOIL SAMPLES (Con't)

IV. TOTAL METALS ANALYSIS (Con't)

b)

R.F.W. NO.	SAMPLES DESCRIPTION	As µg/g	Ba µg/g	Cd µg/g	Cr µg/g	Cu µg/g	Fe µg/g	Pb µg/g	Hg µg/g	Ag µg/g	Zn µg/g	Ni µg/g	Se µg/g
8501-001-0010	Bldg. 119 (GS-84-0333)	16.8	40.0	3.25	22.3	36.5	19,600	37.5	0.119	<2.50	48.0	19.2	<0.50
-0020	Bldg. 113 (GS-84-0334)	19.0	46.7	28.7	25.2	39.4	23,200	44.9	0.065	<2.50	55.9	18.4	<0.50
-0030	NW Bldg. 113 (GS-84-0338)	10.7	34.1	2.50	17.3	26.8	10,200	37.5	0.051	<2.50	30.1	26.8	<0.50

NOTE: Total metals analysis was not requested for samples 8501-001-0040 to 0060.

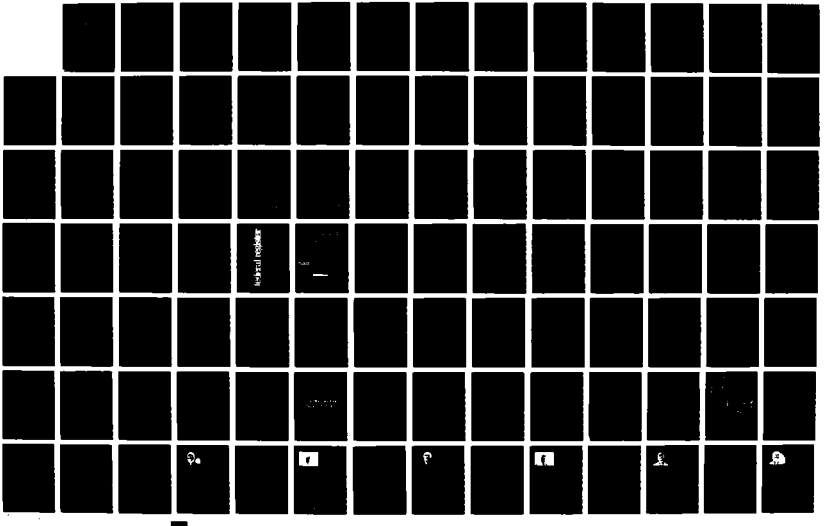
H-205

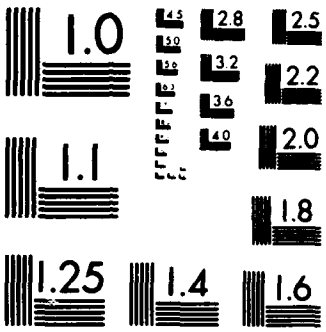
APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Laboratory

AD-A184 843 INSTALLATION RESTORATION PROGRAM PHASE 2 CONFIRMATION/QUANTIFICATION STAG..(U) WESTON (ROY F) INC WEST CHESTER PA R L KRAYBILL ET AL. AUG 87 6/10

UNCLASSIFIED F33615-84-D-4400 F/G 24/4 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

WESTON

PEASE AFB-SOIL SAMPLES

V. VOLATILE ORGANICS (EPA 601, 602)

a) These samples were received by the laboratory on December 28, 1984 and analysis by EPA Method 601, 602 was completed by January 28, 1985. There are no tabulated EPA holding times for soil samples. There were no requested detection limits for these soil samples. Sample concentrations follow. Detection limits are indicated by "less than" signs.

DATE SAMPLES COLLECTED: December 27, 28, 1984

DATE ANALYZED: January 28, 1985

CLIENT: PEASE AIR FORCE BASE - SOIL SAMPLES

EPA METHOD 601 REPORT

	8501-	8501-	8501-							
R.F.W. SAMPLE NO.	-001-0010	001-0020	-001-0030	UNIT						
CLIENT I.D.	Bldg. 119	Bldg. 113	NW Bldg. 113							
CHLOROFORM	< 5	< 5	< 5	ng/g						
DICHLOROBROMOMETHANE	< 5	< 5	< 5	ng/g						
DIBROMOCHLOROMETHANE	<20	<20	<20	ng/g						
BROMOFORM	<30	<30	<30	ng/g						
1,1-DICHLOROETHANE	< 5	< 5	< 5	ng/g						
1,2-DICHLOROETHANE	< 5	< 5	< 5	ng/g						
1,1,1-TRICHLOROETHANE	< 5	< 5	< 5	ng/g						
1,1,2-TRICHLOROETHANE	< 5	< 5	< 5	ng/g						
2-CHLOROETHYLVINYL ETHER	<10	<10	<10	ng/g						
TETRACHLOROETHYLENE	< 5	< 5	< 5	ng/g						
CHLOROBENZENE	< 5	< 5	< 5	ng/g						
1,1-DICHLOROETHYLENE	< 5	< 5	< 5	ng/g						
CARBON TETRACHLORIDE	< 5	< 5	< 5	ng/g						
1,2-DICHLOROPROPANE	< 5	< 5	< 5	ng/g						
TRICHLOROETHYLENE	< 5	< 5	210	ng/g						
1,1,2,2-TETRACHLOROETHANE	< 5	< 5	< 5	ng/g						
TRANS-1,3-DICHLOROPROPANE	< 5	< 5	< 5	ng/g						
CIS-1,3-DICHLOROPROPANE	< 5	< 5	< 5	ng/g						
TRANS-1,2-DICHLOROETHYLENE	< 5	< 5	< 5	ng/g						

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director, Analytical Laboratory

WESTON

602 SUMMARY REPORT
PEASE AIR FORCE BASE
SOIL SAMPLES

DATE SAMPLES COLLECTED: December 27, 28, 1984

DATE ANALYZED: January 31, 1985

R.F.W. NO.	SAMPLE DESCRIPTION	BENZENE ng/g	TOLUENE ng/g	ETHYLBENZENE ng/g	TOTAL XYLENE ng/g
8501-001-0010	Bldg. 119	<8	<8	<8	<8
-0020	Bldg. 113	<8	<8	<8	<8
-0030	NW Bldg. 113	<8	<8	<8	570

APPROVED BY: Earl M. Hansen

Earl M. Hansen, Ph.D
Director
Analytical Laboratory

WESTON

PEASE AIR FORCE BASE
SUMMARY REPORT-SOIL SAMPLES
SAMPLES COLLECTED JAN. 8-9, 1985
W.O. NO. 0628-09-05

I. Oil and Grease Analysis

a) These samples were received by the laboratory on January 10, 1985. Analysis by EPA Method 413.2 was completed by January 23, 1985. The EPA recommended holding time of 28 days for preserved water samples was not exceeded. There are no tabulated holding times for soil samples. The requested detection limit was met. (All samples had positive values.) Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION		OIL & GREASE, µg/g
8501-050-0010	Site 10	10-TP-5	2,370
-0020	Site 10	10-TP-6	8,720
-0030	Site 7	7-TP-1	24,400
-0040	Site 7	7-TP-2	898
-0050	Site 22	22-TP-4	2,480

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

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PEASE AFB-SOIL SAMPLES (cont.)

II. TOX Analysis

a) These samples were received by the laboratory on January 10, 1985. Analysis by EPA Method 9020 was completed by January 24, 1985. There are no EPA recommended holding times for TOX analysis. The requested detection limit of 5 µg/g was achieved using a Dohrmann Model DX20 TOX Analyzer.

b)

R.F.W. NO.	SAMPLE DESCRIPTION		TOX, µg/g
8501-050-0030	Site 7	7-TP-1	10
-0040	Site 7	7-TP-2	1.0
-0050	Site 22	22-TP-4	<1.0

NOTE: No TOX analysis was requested for Samples 8501-050-0010 and 0020.

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

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PEASE AFB-SOIL SAMPLES (cont.)

III. Lead Analysis

a) These samples were received by the laboratory on January 10, 1985. Analysis by ICP atomic absorption was completed by January 30, 1985. The EPA recommended holding time for preserved water samples of six months was not exceeded. There are no tabulated holding times for soil samples. The requested detection limit of 2 µg/g was met. (All samples had positive values.) Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION		TOTAL LEAD, µg/g
8501-050-0010	Site 10	10-TP-5	149
-0020	Site 10	10-TP-6	167

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

WESTON

PEASE A.F.B.-SUMMARY REPORT
WATER SAMPLES
SAMPLES COLLECTED: 8-10 NOV. 1984
W.O. NO. 0628-09-05-00

I. Oil and Grease Analysis

a) These samples were received by the laboratory on 10 November 1984. Analysis by EPA Method 413.2 was completed on 12 December 1984 for samples 8411-831-0010 to 0100 and 0180 to 0190. Samples no. 8411-831-0110 to 0170, 0200 to 0220, 0240 to 0270, 0330 to 0400, and 0440 to 0450 were completed by 4 January 1985. Therefore, the EPA recommended holding time of 28 days was exceeded. Although EPA Method 413.2 is sensitive to a detection limit of 200 µg/L, the requested detection limit of 100 µg/L was achieved by extracting 1000 ml. of sample with 25 ml. of Freon thus giving a forty-fold dilution factor.

Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION	OIL AND GREASE, µg/L
8411-831-0250	SW-1	300
-0190	SW-2	200
-0200	SW-3	200
-0210	SW-4	<100
-0220	SW-5	<100
-0230	SW-6	<100
-0240	SW-7	400
-0100	SW-8	<100
-0180	SW-9	<100
-0010	SW-10	300
-0020	SW-11	200
-0030	SW-12	200
-0060	SW-13	100
-0070	SW-14	<100
-0050	SW-15	<100
-0040	SW-16	100
-0090	SW-17	200
-0080	SW-18	300

WESTON

PEASE A.F.B.-WATER (COLLECTED 8-10 NOV. 1984) - cont.

I. Oil and Grease (cont.)

b) cont.

R.F.W. NO.	SAMPLE DESCRIPTION	OIL AND GREASE, µg/L
8411-831-0260	SW-19	300
-0270	SW-20	200
-0440	SW-21	100
-0400	SW-22	200
-0390	SW-23	No Result Reported
-0450	SW-24	100
-0350	SW-25	No Result Reported
-0360	SW-26	<100
-0370	SW-27	400
-0380	SW-28	500
-0340	SW-29	900
-0320	SW-30	300
-0330	SW-31	100
-0110	PW-1	<100
-0120	PW-2	<100
-0130	PW-3	<100
-0140	PW-4	<100
-0150	PW-5	<100
-0160	PW-6	<100
-0170	PW-7	<100

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

WESTON

PEASE A.F.B.-WATER (COLLECTED 8-10 NOV. 1984) - cont.

II. TOX Analysis

a) These samples were received by the laboratory on 10 November 1984. Analysis by EPA Method 9020 was completed by 24 January 1985. There are no published EPA recommended holding times for TOX. The requested detection limit of 5 µg/L was met. Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION	TOX, µg/L
8411-831-0250	SW-1	29
-0190	SW-2	42
-0200	SW-3	35
-0210	SW-4	38
-0220	SW-5	<5
-0230	SW-6	43
-0240	SW-7	19
-0100	SW-8	19
-0180	SW-9	17
-0010	SW-10	No result reported
-0020	SW-11	33
-0030	SW-12	23
-0060	SW-13	63
-0070	SW-14	38
-0050	SW-15	21
-0040	SW-16	60
-0090	SW-17	44
-0080	SW-18	11
-0260	SW-19	22
-0270	SW-20	19
-0440	SW-21	31
-0400	SW-22	34
-0390	SW-23	No result reported
-0450	SW-24	31
-0350	SW-25	No result reported
-0360	SW-26	13
-0370	SW-27	74
-0380	SW-28	74
-0340	SW-29	62
-0320	SW-30	127
-0330	SW-31	38
-0110	PW-1	21

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PEASE A.F.B.-WATER (COLLECTED 8-10 NOV. 1984) - cont.

II. TOX (cont.)

b) cont.

R.F.W. NO.	SAMPLE DESCRIPTION	TOX, µg/L
8411-831-0120	PW-2	8
-0130	PW-3	31
-0140	PW-4	16
-0150	PW-5	6
-0160	PW-6	10
-0170	PW-7	22

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

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PEASE A.F.B.-WATER (COLLECTED 8-10 NOV. 1984) - cont.

III. TOC Analysis

a) These samples were received by the laboratory on 10 November 1984 and analysis by EPA Method 415.2 was completed by 27 November 1984 with a detection limit of 0.5 mg/L. Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION	TOC, mg/L
8411-831-0040	SW-16	8.0
-0050	SW-15	3.4
-0060	SW-13	4.1
-0070	SW-14	2.6
-0080	SW-18	1.8
-0090	SW-17	2.3
-0100	SW-8	3.5
-0110	PW-1	0.5
-0120	PW-2	1.2
-0130	PW-3	0.5
-0140	PW-4	46.9*
-0150	PW-5	0.5
-0160	PW-6	0.8
-0170	PW-7	<0.5
-0180	SW-9	3.2
-0190	SW-2	20.3*
-0200	SW-3	25.2
-0210	SW-4	3.4
-0220	SW-5	<0.5
-0230	SW-6	2.7
-0240	SW-7	10.4
-0250	SW-1	4.0
-0260	SW-19	2.7
-0270	SW-20	2.7
8411-831-0330	SW-31	5.0
-0340	SW-29	14.9
-0350	SW-25	17.3
-0360	SW-26	7.8
-0370	SW-27	9.1
-0380	SW-28	15.4
-0390	SW-23	<0.5
-0400	SW-22	3.4
8411-831-0440	SW-21	9.3
-0450	SW-24	6.2

*Samples scheduled to be re-analyzed.

Approved By: Earl M. Hansen

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Analytical Lab

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PEASE A.F.B.-WATER (COLLECTED 8-10 NOV. 1984) - cont.

IV. Metals Analysis

a) These samples were received by the laboratory on 10 November 1984. Analyses of all but arsenic, selenium, mercury, lead and silver were by ICP atomic absorption. Arsenic, selenium, lead and silver were analyzed using flame atomic absorption and flameless (cold vapor) atomic absorption for mercury. All requested detection limits were met and the EPA recommended six-month holding times were not exceeded. Sample concentrations follow.

PEASE A.F.B.-WATER (COLLECTED 8-10 NOV. 1984) - cont.

IV. Metals Analysis (cont.)

b) Surface Water Samples (Total Metals)

R.F.W. NO.	SAMPLE DESCRIPTION	As µg/L	Ba µg/L	Cd µg/L	Pb µg/L	Cu µg/L	Cr µg/L	Fe µg/L	Hg µg/L	Ni µg/L	Se µg/L	Ag µg/L	Zn µg/L
8411-831-0190	SW-2	80	40	<10	40	160	<50	46,400	<1	<100	<10	<10	210
-0200	SW-3	50	50	<10	48	70	<50	16,800	1	<100	<10	<10	90
-0210	SW-4	<10	<20	10.6	70	39	<50	4,890	<1	<100	<10	<10	20
-0220	SW-5	<10	<20	<10	<20	<20	<50	<50	<1	<100	<10	<10	<20
-0230	SW-6	<10		<10	<20	<20	<50	240	1	<100	11	<10	<20
-0240	SW-7	110	<20	<10	396	100	<50	75,100	<1	<100	<10	<10	120
-0100	SW-8	<10	<20	<10	91	100	<50	360	<1	<100	<10	<10	<20
-0180	SW-9	<10	<20	<10	<20	80	<50	340	<1	<100	<10	<10	<20
-0060	SW-13	<10	<20	<10	<20	70	<50	410	<1	<100	<10	<10	50
-0070	SW-14	<10	<20	<10	<20	120	<50	250	<1	<100	<10	<10	<20
-0050	SW-15	<10	<20	11.0	53	110	<50	280	<1	<100	<10	<10	<20
-0040	SW-16	<10	<20	<10	<20	70	<50	670	<1	<100	<10	<10	60
-0260	SW-19	<10	<20	<10	<20	<20	<50	680	<1	<100	<10	<10	20
-0270	SW-20	<10	<20	<10	<20	<20	<50	660	<1	<100	<10	<10	<20
-0440	SW-21	<10	<20	<10	50	9,490	<50	50	<1	<100	<10	<10	20
-0400	SW-22	<10	<20	<10	<20	<20	<50	520	<1	<100	<10	<10	<20
-0390	SW-23	Not logged in for metals even though requested											
-0450	SW-24	<10	<20	<10	<20	<20	<50	250	<1	<100	<10	<10	<20
-0350	SW-25	Not logged in for metals even though requested											
-0360	SW-26	<10	20	<10	41	<20	<50	7,010	<1	<100	<10	<10	50
-0370	SW-27	<10	<20	<10	120	40	<50	1,270	<1	<100	<10	<10	30
-0380	SW-28	<10	50	<10	50	47	<50	9,310	<1	<100	<10	<10	10

PEASE A.F.B.-WATER (COLLECTED 8-10 NOV. 1984) - cont.

IV. Metals Analysis (cont.)

b) Surface Water Samples (Total Metals) - cont.

R.F.W. NO.	SAMPLE DESCRIPTION	As µg/L	Ba µg/L	Cd µg/L	Pb µg/L	Cu µg/L	Cr µg/L	Fe µg/L	Hg µg/L	Ni µg/L	Se µg/L	Ag µg/L	Zn µg/L
8411-831-0340	SW-29	<10	20	<10	21	410	<50	1,860	<1	<100	<10	<10	60
-0320	SW-30	<10	<20	<10	<20	<20	<50	320	<1	<100	<10	<10	<20
-0330	SW-31	<10	<20	<10	26	<20	<50	300	<1	<100	<10	<10	<20

NOTE: For SW-1, SW-10, SW-11, SW-12, SW-17, SW-18 metals analysis not requested

8411-831-0110	PW-1	<10	<20	<10	<20	<20	<50	80	<1	<100	<10	<10	<10
-0120	PW-2	<10	<20	<10	<20	<20	<50	180	<1	<100	<10	<10	<10
-0130	PW-3	<10	<20	<10	<20	<20	<50	60	<1	<100	<10	<10	<10
-0140	PW-4	<10	<20	<10	<20	<20	<50	40	<1	<100	<10	<10	<10
-0150	PW-5	<10	<20	<10	54	<20	<50	110	<1	<100	21	<10	60
-0160	PW-6	12	<20	<10	<20	<20	<50	270	<1	<100	<10	<10	68
-0170	PW-7	<10	<20	<10	<20	<20	<50	110	<1	<100	<10	<10	38

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

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PEASE A.F.B.-WATER (COLLECTED 8-10 NOV. 1984) - cont.

V. Total Cyanide Analysis

a) These samples were received by the laboratory on 10 November 1984. Analysis by Standard Method 412 was completed on 31 December 1984 by Spotts, Stevens and McCoy, a sub-contractor. This method is sensitive to a detection limit of 20 µg/L, therefore, the requested detection limit of 10 µg/L was not met. EPA recommended holding times of 14 days were exceeded for these samples. Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL CN^-, µg/L
8411-831-0190	SW-2	<20
-0200	SW-3	<20
-0210	SW-4	<20
-0220	SW-5	<20
-0230	SW-6	<20
-0240	SW-7	<20
-0100	SW-8	<20
-0180	SW-9	<20
-0060	SW-13	<20
-0070	SW-14	<20
-0050	SW-15	<20
-0040	SW-16	<20

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

WESTON

PEASE A.F.B.-WATER (COLLECTED 8-10 NOV. 1984) - cont.

VI. Phenolics Analysis

a) These samples were received by the laboratory on 10 November 1984. Analysis by EPA Method 420.1 was completed by 26 November 1984. The EPA recommended holding time of 28 days was not exceeded, but the requested detection limit of 1 µg/L was not met. (EPA Method 420.1 is sensitive to a detection limit of 5 µg/L). Sample concentrations follow:

b)

R.F.W. NO.	SAMPLE DESCRIPTION	TOTAL PHENOLICS, µg/L
8411-831-0190	SW-2	6
-0200	SW-3	6
-0210	SW-4	<5
-0220	SW-5	<5
-0230	SW-6	<5
-0240	SW-7	<5
-0100	SW-8	8
-0180	SW-9	10
-0060	SW-13	<5
-0070	SW-14	<5
-0050	SW-15	<5
-0040	SW-16	<5
-0350	SW-25	<5
-0360	SW-26	6
-0370	SW-27	5
-0380	SW-28	6
-0340	SW-29	<5

Approved By: Earl M. Hansen

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Director
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PEASE A.F.B.-WATER (COLLECTED 8-10 NOV. 1984) - cont.

VII. Herbicide/Pesticide Analysis

a) These samples were received by the laboratory on 10 November 1984. The herbicides were extracted on 15-16 November 1984 and the pesticides on 13 November 1984. Analysis by EPA Method 608 was completed for both on 27 December 1984. The EPA recommended holding times of 40 days between extraction and analysis were exceeded by four days for the pesticides. The EPA recommended holding time of seven days between collection and extraction was exceeded by one day for the herbicides, and the 40 day holding time between extraction and analysis was exceeded by two days.

b) Sample concentrations are attached.

WESTON

PEASE A.F.B.
HERBICIDE/PESTICIDE REPORT
W.O. NO.: 0628-05-39

Section VII. b), 8411-831 MASTER REPORT

DATE SAMPLES COLLECTED: 7-8 November 1984

DATE SAMPLES RECEIVED: 10 November 1984

DATE SAMPLES EXTRACTED: 13 November 1984 (Pesticides); 15-16 November 1984 (Herbicides)

DATE SAMPLES ANALYZED: 27 December 1984

R.F.W. NO.	SAMPLE DESCRIPTION	2,4-D µg/L	2,4,5 T-P µg/L	2,4,5-T µg/L
8411-831-0040	SW-16	<1.0	<0.5	<1.0
-0050	SW-15	<1.0	<0.5	<1.0
-0060	SW-13	<1.0	<0.5	<1.0
-0070	SW-14	<1.0	<0.5	<1.0
-0100	SW-8	<1.0	<0.5	<1.0
-0180	SW-9	<1.0	<0.5	<1.0
-0190	SW-2	<1.0	<0.5	<1.0
-0200	SW-3	<1.0	<0.5	<1.0
-0210	SW-4	<1.0	<0.5	<1.0
-0220	SW-5	<1.0	<0.5	<1.0
-0230	SW-6	<1.0	<0.5	<1.0
-0240	SW-7	<1.0	<0.5	<1.0

R.F.W. NO.:	8411-831-0040	8411-831-0050	8411-831-0060	8411-831-0070
SAMPLE DESCRIPTION:	SW-16	SW-15	SW-13	SW-14
ANALYSES:				
Lindane, µg/L	<0.03	<0.03	<0.03	<0.03
Heptachlor, µg/L	0.06	<0.02	<0.02	<0.02
Aldrin, µg/L	<0.02	<0.02	<0.02	<0.02
Heptachlor Epoxide, µg/L	<0.02	<0.02	<0.02	<0.02
ppDDE, µg/L	<0.02	<0.02	<0.02	<0.02
Dieldrin, µg/L	<0.02	<0.02	<0.02	<0.02
Endrin, µg/L	<0.02	<0.02	<0.02	<0.02
ppDDT, µg/L	<0.02	<0.02	<0.02	<0.02
Methoxychlor, µg/L	<0.2	<0.2	<0.2	<0.2
Toxaphene, µg/L	<1.0	<1.0	<1.0	<1.0

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PEASE A.F.B. (HERBICIDE/PESTICIDE) cont.

Section VII. b), 8411-831 MASTER REPORT

R.F.W. NO.:	8411-831-0100	8411-831-0180	8411-831-0190	8411-831-0200
SAMPLE DESCRIPTION:	SW-8	SW-9	SW-2	SW-3
ANALYSES:				
Lindane, µg/L	<0.03	<0.03	0.06	0.06
Heptachlor, µg/L	<0.02	<0.02	<0.02	<0.02
Aldrin, µg/L	<0.02	<0.02	<0.02	<0.02
Heptachlor Epoxide, µg/L	<0.02	<0.02	<0.02	<0.02
ppDDE, µg/L	<0.02	<0.02	<0.02	<0.02
Dieldrin, µg/L	<0.02	<0.02	<0.02	<0.02
Endrin, µg/L	<0.02	<0.02	<0.02	<0.02
ppDDT, µg/L	<0.02	<0.02	<0.02	<0.02
Methoxychlor, µg/L	<0.2	<0.2	<0.2	<0.2
Toxaphene, µg/L	<1.0	<1.0	<1.0	<1.0

R.F.W. NO.:	8411-831-0210	8411-831-0220	8411-831-0230	8411-831-0240
SAMPLE DESCRIPTION:	SW-4	SW-5	SW-6	SW-7
ANALYSES:				
Lindane, µg/L	<0.03	0.06	<0.03	0.08
Heptachlor, µg/L	<0.02	<0.02	<0.02	<0.02
Aldrin, µg/L	<0.02	<0.02	<0.02	<0.02
Heptachlor Epoxide, µg/L	<0.02	<0.02	<0.02	0.08
ppDDE, µg/L	<0.02	<0.02	<0.02	0.10
Dieldrin, µg/L	<0.02	<0.02	<0.02	<0.02
Endrin, µg/L	<0.02	<0.02	<0.02	<0.02
ppDDT, µg/L	<0.02	0.04	<0.02	<0.02
Methoxychlor, µg/L	<0.2	<0.2	<0.2	<0.2
Toxaphene, µg/L	<1.0	<1.0	<1.0	<1.0

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

WESTON

PEASE A.F.B.-WATER (COLLECTED 8-10 NOV. 1984) - cont.

VIII. VOA (GC/MS Fraction) Analysis

a) These samples were received by the laboratory on 10 November 1984. Analysis by EPA Method 624 was completed on 11 December 1984. The EPA recommended holding time of 14 days between collection and analysis was exceeded by 18 days.

b) Sample concentrations are attached.

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984 Rec. 11/10/84, Analyzed 12/11/84

RFW NO.: 8411-831-0040

SAMPLE DESCRIPTION: SW-16

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	15
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November I984, Rec. 11/10/84, analyzed 12/11/84

RFW NO.: 8411-831-0050

SAMPLE DESCRIPTION: SW-15

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	16
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Barry M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984, Rec. 11/10/84, Analyzed 12/11/84

RFW NO.: 8411-831-0060

SAMPLE DESCRIPTION: SW-13

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	16
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984, Rec. 11/10/84, Analyzed: 12/11/84

RFW NO.: 8411-831-0070

SAMPLE DESCRIPTION: SW-14

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	18
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984 , Rec. 11/10/84, Analyzed: 12/11/84

RFW NO.: 8411-831-0100

SAMPLE DESCRIPTION: SW-8

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	15
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Limit of Detection = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984, Rec. 11/10/84, Analyzed 12/11/84

RFW NO.: 8411-831-0110

SAMPLE DESCRIPTION: PW-1

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	18
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By:

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984 Rec. 11/10/84, analyzed 12/11/84

RFW NO.: 8411-831-0120

SAMPLE DESCRIPTION: PW-2

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	18
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE: COLLECTED: 8 November 1984, Rec. 11/10/84, Analyzed 12/11/84

RFW NO.: 8411-831-0130

SAMPLE DESCRIPTION: PW-3

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	19
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	10
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/l	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984, Rec. 11/10/84, Analyzed 12/11/84

RFW NO.: 8411-831-0140

SAMPLE DESCRIPTION: PW-4

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	16
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984, Rec. 11/10/84, Analyzed 12/11/84

RFW NO.: 8411-831-0150

SAMPLE DESCRIPTION: PW-5

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	16
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE: COLLECTED: 8 November 1984, Rec. 11/10/84, Analyzed 12/11/84

RFW NO.: 8411-831-0160

SAMPLE DESCRIPTION: PW-6

GC/MS FRACTION

VOLATILE COMPOUNDS

Units of Concentration ug/L X

mg/L

Other

Acrolein	NF	Methylene Chloride	17
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen, Ph.D.
Director
Analytical Lab

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984, Rec. 11/10/84, Analyzed 12/11/84

RFW NO.: 8411-831-0170

SAMPLE DESCRIPTION: PW-7

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	19
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984, Rec. 11/10/84, analyzed 12/11/84

RFW NO.: 8411-831-0180

SAMPLE DESCRIPTION: SW-9

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	18
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984, Rec. 11/10/84, Analyzed 12/11/84

RFW NO.: 8411-831-0190

SAMPLE DESCRIPTION: SW-2

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	13
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984 Rec. 11/10/84, Analyzed 12/11/84

RFW NO.: 8411-831-0200

SAMPLE DESCRIPTION: SW-3

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	16
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984, Rec. 11/10/84, analyzed 12/11/84

RFW NO.: 8411-831-0210

SAMPLE DESCRIPTION: SW-4

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	14
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984, Rec. 11/10/84, analyzed 12/11/84

RFW NO.: 8411-831-0220

SAMPLE DESCRIPTION: SW-5

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	18
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984 , Rec. 11/10/84, analyzed 12/11/84

RFW NO.: 8411-831-0230

SAMPLE DESCRIPTION: SW-6

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	15
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE COLLECTED: 8 November 1984, Rec. 11/10/84, Analyzed 12/11/84

RFW NO.: 8411-831-0240

SAMPLE DESCRIPTION: SW-7

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	16
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

(Section VIII. b)

Date of Report: 17 December 1984

DATA SUMMARY: PEASE AFB

DATE: COLLECTED: November 8 1984 REC. 11/10/84 Analyzed: 12/11/84

RFW NO.: 8411-831/

SAMPLE DESCRIPTION: Lab Blank

GC/MS FRACTION
VOLATILE COMPOUNDS

Units of Concentration ug/L X
mg/L
Other

Acrolein	NF	Methylene Chloride	NF
Acrylonitrile	NF	1,1,2,2 Tetrachloroethane	NF
Benzene	NF	Tetrachloroethylene	NF
Bromomethane	NF	Toluene	NF
Bromoform	NF	1,2 Trans Dichloroethylene	NF
Carbon Tetrachloride	NF	1,1,2 Trichloroethane	NF
Chlorobenzene	NF	1,1,1 Trichloroethane	NF
Chlorodibromomethane	NF	Trichloroethylene	NF
Chloroethane	NF	Trichlorofluoromethane	NF
2-Chloroethylvinyl Ether	NF	Vinyl Chloride	NF
Chloroform	NF	Other	
Dichlorobromomethane	NF	Detection Limit = 10 ug/L	
Dichlorodifluoromethane	NF		
1,1 Dichloroethane	NF		
1,2 Dichloroethane	NF		
1,1 Dichloroethylene	NF		
1,2 Dichloropropane	NF		
Ethylbenzene	NF		
Chloromethane	NF		
1,3-Trans Dichloropropene	NF		
1,3-Cis Dichloropropene	NF		

Approved By: Earl M. Hansen

Earl M. Hansen, Ph.D.
Director
Analytical Lab

APPENDIX I

FEDERAL AND STATE WATER QUALITY AND HUMAN HEALTH STANDARDS APPLICABLE IN THE STATE OF NEW HAMPSHIRE

ENVIRONMENTAL PROTECTION AGENCY NATIONAL INTERIM PRIMARY DRINKING WATER REGULATIONS

(40 CFR 141; 40 FR 59565, December 24, 1975; Amended by 41 FR 28402, July 9, 1976; 44 FR 68641, November 29, 1979; Corrected by 45 FR 15542, March 11, 1980; 45 FR 57342, August 27, 1980)

Title 40—Protection of Environment
CHAPTER I—ENVIRONMENTAL PROTECTION AGENCY
SUBCHAPTER D—WATER PROGRAMS
PART 141—NATIONAL INTERIM PRIMARY DRINKING WATER REGULATIONS

Subpart A—General

Sec.
141.1 Applicability.
141.2 Definitions.
141.3 Coverage.
141.4 Variances and exemptions.
141.5 Siting requirements.
141.6 Effective dates.

Subpart B—Maximum Contaminant Levels

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141.12 Maximum contaminant levels for organic chemicals.
141.13 Maximum contaminant levels for turbidity.
141.14 Maximum microbiological contaminant levels
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Subpart C—Monitoring and Analytical Requirements

141.21 Microbiological contaminant sampling and analytical requirements.
141.22 Turbidity sampling and analytical requirements.
141.23 Inorganic chemical sampling and analytical requirements.
141.24 Organic chemicals other than total trihalomethanes, sampling and analytical requirements.
141.25 Analytical Methods for Radioactivity.
141.26 Monitoring Frequency for Radioactivity in Community Water Systems.
141.27 Alternative analytical techniques.
141.28 Approved laboratories.
141.29 Monitoring of consecutive public water systems.

Subpart D—Reporting Public Notification, and Record-keeping

141.31 Reporting requirements
141.32 Public notification of variances, exemptions, and non-compliance with regulations
141.33 Record maintenance

Subpart E—Special Monitoring Regulations for Organic Chemicals

141.40 Special monitoring for organic chemicals.

Authority: Secs. 1412, 1414, 1445, and 1450 of the Public Health Service Act, 88 Stat. 1660 (42 U.S.C. 300g-1, 300g-3, 300j-4, and 300j-9).

Subpart A—General

§ 141.1 Applicability.

This part establishes primary drinking water regulations pursuant to section 1412 of the Public Health Service Act, as amended by the Safe Drinking Water Act (Pub. L. 93-523); and related regulations applicable to public water systems.

§ 141.2 Definitions.

As used in this part, the term:

(a) "Act" means the Public Health Service Act, as amended by the Safe Drinking Water Act, Pub. L. 93-523.

(b) "Contaminant" means any physical, chemical, biological, or radiological substance or matter in water.

(c) "Maximum contaminant level" means the maximum permissible level of a contaminant in water which is delivered to the free flowing outlet of the ultimate user of a public water system, except in the case of turbidity where the maximum permissible level is measured at the point of entry to the distribution system. Contaminants added to the water under circumstances controlled by the user, except those resulting from corrosion of piping and plumbing caused by water quality, are excluded from this definition.

(d) "Person" means an individual, corporation, company, association, partnership, State, municipality, or Federal agency.

(e) "Public water system" means a system for the provision to the public of piped water for human consumption, if such system has at least fifteen service connections or regularly serves an average of at least twenty-five individuals daily at least 60 days out of the year. Such term includes (1) any collection, treatment, storage, and distribution facilities under control of the operator of such system and used primarily in connection with such system, and (2) any collection or pretreatment storage facilities not under such control which are used primarily in connection with such system. A public water system is either a "community water system" or a "
community water system."

(i) "Community water system" m
a public water system which serv
least 15 service connections used by
round residents or regularly serv
least 25 year-round residents

(ii) "Non-community water sy
means a public water system that i
a community water system.

(f) "Sanitary survey" means an
site review of the water source, f
ties, equipment, operation and ma
nance of a public water system fo
purpose of evaluating the adequa
such source, facilities, equipment
eration and maintenance for prod
and distributing safe drinking wate

(g) "Standard sample" means
aliquot of finished drinking water t
examined for the presence of coli
bacteria.

(h) "State" means the agency o
State government which has juri
tion over public water systems. D
any period when a State does not
primary enforcement respons
pursuant to Section 1413 of the Act
term "State" means the Regional
ministrator, U.S. Environmental Pr
tion Agency.

(i) "Supplier of water" means
person who owns or operates a p
water system.

(j) "Dose equivalent" means the
uct of the absorbed dose from ion
radiation and such factors as accour
differences in biological effectivenes
to the type of radiation and its dist
tion in the body as specified by th
ternational Commission on Radiolo
Units and Measurements (ICRU).

(k) "Rem" means the unit of
equivalent from ionizing radiation t
total body or any internal organ or o
system. A "millirem (mrem)" is 1/
of a rem.

(l) "Picocurie (pCi)" means that q
tity of radioactive material produ
2.22 nuclear transformations per min

(m) "Gross alpha particle activ
means the total radioactivity due
alpha particle emission as inferred f
measurements on a dry sample

(n) "Man-made beta particle and p
ton emitters" means all radionucl
emitting beta particles and or phot

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listed in Maximum Permissible Body Burdens and Maximum Permissible Concentration of Radionuclides in Air or Water for Occupational Exposure, NBS Handbook 69, except the daughter products of thorium-232, uranium-235 and uranium-238.

(e) "Gross beta particle activity" means the total radioactivity due to beta particle emission as inferred from measurements on a dry sample.

[41 FR 28402, July 9, 1976]
[141.2 (p)-(t) added by 44 FR 68641, November 29, 1979]

(p) "Halogen" means one of the chemical elements chlorine, bromine or iodine.

(q) "Trihalomethane" (THM) means one of the family of organic compounds, named as derivatives of methane, wherein three of the four hydrogen atoms in methane are each substituted by a halogen atom in the molecular structure.

(r) "Total trihalomethanes" (TTHM) means the sum of the concentration in milligrams per liter of the trihalomethane compounds (trichloromethane [chloroform], dibromochloromethane, bromodichloromethane and tribromomethane [bromoform]), rounded to two significant figures.

(s) "Maximum Total Trihalomethane Potential (MTP)" means the maximum concentration of total trihalomethanes produced in a given water containing a disinfectant residual after 7 days at a temperature of 25° C or above.

(t) "Disinfectant" means any oxidant, including but not limited to chlorine, chlorine dioxide, chloramines, and ozone added to water in any part of the treatment or distribution process, that is intended to kill or inactivate pathogenic microorganisms.

§ 141.3 Coverage.

This part shall apply to each public water system, unless the public water system meets all of the following conditions:

(a) Consists only of distribution and storage facilities (and does not have any collection and treatment facilities);

(b) Obtains all of its water from, but is not owned or operated by, a public water system to which such regulations apply;

(c) Does not sell water to any person; and

(d) Is not a carrier which conveys passengers in interstate commerce.

§ 141.4 Variances and exemptions.

Variances or exemptions from certain provisions of these regulations may be granted pursuant to Sections 1415 and 1416 of the Act by the entity with primary enforcement responsibility. Provisions under Part 142, *National Interim Primary Drinking Water Regulations Implementation*—subpart E (Variances) and subpart F (Exemptions)—apply where EPA has primary enforcement responsibility.

§ 141.5 Siting requirements.

Before a person may enter into a financial commitment for or initiate construction of a new public water system or increase the capacity of an existing public water system, he shall notify the State, and, to the extent practicable, avoid locating part or all of the new or expanded facility at a site which:

(a) Is subject to a significant risk from earthquakes, floods, fires or other disasters which could cause a breakdown of the public water system or a portion thereof; or

(b) Except for intake structures, is within the floodplain of a 100-year flood or is lower than any recorded high tide where appropriate records exist.

The U.S. Environmental Protection Agency will not seek to override land use decisions affecting public water systems siting which are made at the State or local government levels.

§ 141.6 Effective dates.

[141.6 revised by 44 FR 68641, November 29, 1979]

(a) Except as provided in paragraph (b) of this section, the regulations set forth in this part shall take effect on June 24, 1977.

(b) The regulations for total trihalomethanes set forth in § 141.12(c) shall take effect 2 years after the date of promulgation of these regulations for community water systems serving 75,000 or more individuals, and 4 years after the date of promulgation for communities serving 10,000 to 74,999 individuals.

(c) The regulations set forth in 141.11 (a), (c) and (d); 141.14(a)(1); 141.14(b)(1)(c); 141.14(b)(2)(i); 141.14(d); 141.21 (a), (c) and (i); 141.22 (a) and (e); 141.23 (a)(3) and (a)(4); 141.23(f); 141.24(a)(3); 141.24 (e) and (f); 141.25(e); 141.27(a); 141.28 (a) and (b); 141.31 (a), (c), (d) and (e); 141.32(b)(3); and 141.32(d) shall take effect immediately upon promulgation.

(d) The regulations set forth in 141.41 shall take effect 18 months from the date of promulgation. Suppliers must complete the first round of sampling and reporting within 12 months following the effective date.

(e) The regulations set forth in 141.42 shall take effect 18 months from the date of promulgation. All requirements in 141.42 must be completed within 12 months following the effective date.

[141.6 (c)-(e) added by 45 FR 57342, August 27, 1980]

Subpart B—Maximum Contaminant Levels

§ 141.11 Maximum contaminant levels for inorganic chemicals.

(a) The MCL for nitrate is applicable to both community water systems and non-community water systems except as provided by in paragraph (d). The levels for the other organic chemicals apply only to community water systems. Compliance with MCLs for inorganic chemicals is calculated pursuant to § 141.23.

[141.11(a) amended by 45 FR 57342, August 27, 1980]

(b) The following are the maximum contaminant levels for inorganic chemicals other than fluoride:

Contaminant	Level, milligrams per liter
Arsenic	0.05
Barium	1.
Cadmium	0.010
Chromium	0.05
Lead	0.05
Mercury	0.002
Nitrate (as N)	10.
Selenium	0.01
Silver	0.05

(c) When the annual average of the maximum daily air temperatures for the location in which the community water system is situated is the following, the maximum contaminant levels for fluoride are:

Temperature Degrees Fahrenheit	Degrees Celsius	Level, milligrams per liter
53.7 and below	12.0 and below	2.4
53.8 to 58.3	12.1 to 14.6	2.2
58.4 to 63.8	14.7 to 17.6	2.0
63.9 to 70.6	17.7 to 21.4	1.8
70.7 to 79.2	21.5 to 26.2	1.6
79.3 to 90.5	26.3 to 32.5	1.4

(c) Fluoride at optimum levels in drinking water has been shown to have beneficial effects in reducing the occurrence of tooth decay.

[141.11 (c) amended by 45 FR 57342, August 27, 1980]

(d) At the discretion of the State, nitrate levels not to exceed 20 mg/l may be allowed in a non-community water system if the supplier of water demonstrates to the satisfaction of the State that:

(1) Such water will not be available to children under 6 months of age; and

(2) There will be continuous posting of the fact that nitrate levels exceed 10 mg/l and the potential health effects of exposure; and

(3) Local and State public health authorities will be notified annually of nitrate levels that exceed 10 mg/l; and

(4) No adverse health effects shall result.

[141.11 (d) added by 45 FR 57342, August 27, 1980]

§ 141.12 Maximum contaminant levels for organic chemicals.

[141.12 revised by 44 FR 68641, November 29, 1979]

The following are the maximum contaminant levels for organic chemicals. The maximum contaminant levels for organic chemicals in paragraphs (a) and (b) of this section apply to all community water systems. Compliance with the maximum contaminant levels in paragraphs (a) and (b) is calculated pursuant to § 141.24. The maximum contaminant level for total trihalomethanes in paragraph (c) of this section applies only to community water systems which serve a population of 10,000 or more individuals and which add a disinfectant (oxidant) to the water in any part of the drinking water treatment process. Compliance with the maximum contaminant level for total trihalomethanes is calculated pursuant to § 141.30.

	Level, milligrams per liter	
(a) Chlorinated hydrocarbons:		
Endrin (1,2,3,4,10, 10-hexachloro-6,7-epoxy-1,4, 4a,5,6,7,8,8a-octahydro-1,4-endo, endo-5,8-dimethano naphthalene).	0.0002	0.2 ppb
Lindane (1,2,3,4,5,6-hexachlorocyclohexane, gamma isomer).	0.004	4 ppb
Methoxychlor (1,1,1-Trichloro-2, 2-bis [p-methoxyphenyl] ethane).	0.1	100 ppb
Toxaphene ($C_{10}H_{10}Cl_8$-Technical chlorinated camphene, 67-69 percent chlorine).	0.005	5 ppb
(b) Chlorophenoxys:		
2,4-D, (2,4-Dichlorophenoxyacetic acid).	0.1	100 ppb
2,4,5-TP Silvex (2,4,5-Trichlorophenoxypropionic acid).	0.01	10 ppb

(c) Total trihalomethanes (the sum of the concentrations of bromodichloromethane, dibromochloromethane, tribromomethane (bromoform) and trichloromethane (chloroform) 0.10 mg/l.

[141.12(c) added by 44 FR 68641, November 29, 1979]

§ 141.13 Maximum contaminant levels for turbidity.

The maximum contaminant levels for turbidity are applicable to both community water systems and non-community water systems using surface water sources in whole or in part. The maximum contaminant levels for turbidity in drinking water, measured at a representative entry point(s) to the distribution system, are

(a) One turbidity unit (TU), as determined by a monthly average pursuant to § 141.22, except that five or fewer turbidity units may be allowed if the supplier of water can demonstrate to the State that the higher turbidity does not do any of the following:

(1) Interfere with disinfection;

(2) Prevent maintenance of an effective disinfectant agent throughout the distribution system; or

(3) Interfere with microbiological determinations.

(b) Five turbidity units based on an average for two consecutive days pursuant to § 141.22.

§ 141.14 Maximum microbiological contaminant levels.

The maximum contaminant levels for coliform bacteria, applicable to community water systems and non-community water systems, are as follows:

(a) When the membrane filter technique pursuant to § 141.21(a) is used, the number of coliform bacteria shall not exceed any of the following:

[141.14(a)(1) revised by 45 FR 57342, August 27, 1980]

(1) One per 100 milliliters as the arithmetic mean of all samples examined per compliance period pursuant to § 141.21(b) or (c), except that, at the primacy Agency's discretion systems required to take 10 or fewer samples per month may be authorized to exclude one positive routine sample per month from the monthly calculation if: (i) as approved on a case-by-case basis the State determines and indicates in writing to the public water system that no unreasonable risk to health existed under the conditions of this modification. This determination should be based upon a number of factors not limited to the following: (A) the system provided and had maintained an active disinfectant residual in the distribution system, (B) the potential for contamination as indicated by a sanitary survey, and (C) the history of the water quality at the public water system (e.g. MCL or monitoring violations); (ii) the supplier initiates a check sample on each of two consecutive days from the same sampling point within 24 hours after notification that the routine sample is positive, and each of these check samples is negative; and (iii) the original positive routine sample is reported and recorded by the supplier pursuant to § 141.31(a) and § 141.33(a). The supplier shall report to the State its compliance with the conditions specified in this paragraph and a summary of the corrective action taken to resolve the prior positive sample result. If a positive routine sample is not used for the monthly calculation, another routine sample must be analyzed for compliance purposes. This provision may be used only once during two consecutive compliance periods.

(2) Four per 100 milliliters in more than one sample when less than 20 are examined per month; or

(3) Four per 100 milliliters in more than five percent of the samples when 20 or more are examined per month.

(b) (1) When the fermentation tube method and 10 milliliter standard portions pursuant to § 141.21(a) are used, coliform bacteria shall not be present in any of the following:

[141.14(b)(1)(i) revised by 45 FR 57342, August 27, 1980]

(i) More than 10 percent of the portions (tubes) in any one month pursuant to § 141.21 (b) or (c) except that, at the State's discretion, systems required to take 10 or fewer samples per month may be authorized to exclude one positive routine sample resulting in one or more positive tubes per month from the monthly calculation if: (A) as approved on a case-by-case basis the State determines and indicates in writing to the public water system that no unreasonable risk to health existed under the conditions of this modification. This determination should be based upon a number of factors not limited to the following: (*1*) the system provided and had maintained an active disinfectant residual in the distribution system, (*2*) the potential for contamination as indicated by a sanitary survey, and (*3*) the history of the water quality at the public water system (e.g. MCL or monitoring violations); (B) the supplier initiates a check sample on each of two consecutive days from the sampling point within 24 hours after notification that the routine sample is positive, and each of these check samples is negative; and (C) the original positive routine sample is reported and recorded by the supplier pursuant to § 141.31(a) and § 141.33(a). The supplier shall report to the State its compliance with the conditions specified in this paragraph and report the action taken to resolve the prior positive sample result. If a positive routine sample is not used for the monthly calculation, another routine sample must be analyzed for compliance purposes. This provision may be used only once during two consecutive compliance periods.

(ii) three or more portions in more than one sample when less than 20 samples are examined per month; or

(iii) three or more portions in more than five percent of the samples when 20 or more samples are examined per month.

(2) When the fermentation tube

federal register

Friday
November 28, 1980

Part V

Environmental Protection Agency

Water Quality Criteria Documents; Availability

ENVIRONMENTAL PROTECTION AGENCY

[FRL 1623-3]

Water Quality Criteria Documents; Availability

AGENCY: Environmental Protection Agency.

ACTION: Notice of Water Quality Criteria Documents.

SUMMARY: EPA announces the availability and provides summaries of water quality criteria documents for 64 toxic pollutants or pollutant categories. These criteria are published pursuant to section 304(a)(1) of the Clean Water Act.

AVAILABILITY OF DOCUMENTS: Summaries of both aquatic-based and health-based criteria from the documents are published below. Copies of the complete documents for individual pollutants may be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161, (703-487-4650). A list of the NTIS publication order numbers for all 64 criteria documents is published below. These documents are also available for public inspection and copying during normal business hours at: Public Information Reference Unit, U.S. Environmental Protection Agency, Room 2404 (rear), 401 M St., S.W., Washington, D.C. 20460. As provided in 40 CFR Part 2, a reasonable fee may be charged for copying services. Copies of these documents are also available for review in the EPA Regional Office libraries.

Copies of the documents are not available from the EPA office listed below. Requests sent to that office will be forwarded to NTIS or returned to the sender.

1. Acenaphthene, PB81-117269.
2. Acrolein, PB81-117277.
3. Acrylonitrile, PB81-117285.
4. Aldrin/Dieldrin, PB81-117301.
5. Antimony, PB81-117319.
6. Arsenic, PB81-117327.
7. Asbestos, PB81-117335.
8. Benzene, PB81-117293.
9. Benzidine, PB81-117343.
10. Beryllium, PB81-117350.
11. Cadmium, PB81-117368.
12. Carbon Tetrachloride, PB81-117376.
13. Chlordane, PB81-117384.
14. Chlorinated benzenes, PB81-117392.
15. Chlorinated ethanes, PB81-117400.
16. Chloroalkyl ethers, PB81-117419.
17. Chlorinated naphthalene, PB81-117426.
18. Chlorinated phenols, PB81-117434.
19. Chloroform, PB81-117442.
20. 2-chlorophenol, PB81-117459.
21. Chromium, PB81-117467.
22. Copper, PB81-117475.
23. Cyanides, PB81-117483.
24. DDT, PB81-117491.
25. Dichlorobenzenes, PB81-117509.
26. Dichlorobenzidine, PB81-117517.
27. Dichloroethylenes, PB81-117525.
28. 2,4-dichlorophenol, PB81-117533.
29. Dichloropropanes/propenes, PB81-117541.
30. 2,4-dimethylphenol, PB81-117558.
31. Dinitrotoluene, PB81-117566.
32. Diphenylhydrazine, PB81-117731.
33. Endosulfan, PB81-117574.
34. Endrin, PB81-117582.
35. Ethylbenzene, PB81-117590.
36. Fluoranthene, PB81-117608.
37. Haloethers, PB81-117616.
38. Halomethanes, PB81-117624.
39. Heptachlor, PB81-117632.
40. Hexachlorobutadiene, PB81-117640.
41. Hexachlorocyclohexane, PB81-117657.
42. Hexachlorocyclopentadiene, PB81-117665.
43. Isophorone, PB81-117673.
44. Lead, PB81-117681.
45. Mercury, PB81-117699.
46. Naphthalene, PB81-117707.
47. Nickel, PB81-117715.
48. Nitrobenzene, PB81-117723.
49. Nitrophenols, PB81-117749.
50. Nitrosamines, PB81-117756.
51. Pentachlorophenol, PB81-117764.
52. Phenol, PB81-117772.
53. Phthalate esters, PB81-117780.
54. Polychlorinated biphenyls (PCBs), PB81-117798.
55. Polynuclear aromatic hydrocarbons, PB81-117806.
56. Selenium, PB81-117814.
57. Silver, PB81-117822.
58. Tetrachloroethylene, PB81-117830.
59. Thallium, PB81-117848.
60. Toluene, PB81-117855.
61. Toxaphene, PB81-117863.
62. Trichloroethylene, PB81-117871.
63. Vinyl chloride, PB81-117889.
64. Zinc, PB81-117897.

FOR FURTHER INFORMATION CONTACT: Dr. Frank Gostomski, Criteria and Standards Division (WH-585), United States Environmental Protection Agency, Washington, D.C. 20460, (202) 245-3037.

SUPPLEMENTARY INFORMATION:

Background

Pursuant to section 304(a)(1) of the Clean Water Act, 33 U.S.C. 1314(a)(1), EPA is required to periodically review and publish criteria for water quality accurately reflecting the latest scientific knowledge:

(A) on the kind and extent of all identifiable effects on health and welfare including, but not limited to, plankton, fish, shellfish, wildlife, plant life, shorelines, beaches, esthetics, and recreation which may be expected from the presence of pollutants in any body of water, including groundwater. (B) on the concentration and dispersal of pollutants, or their byproducts, through biological, physical, and chemical processes; and (C) on the effects of pollutants on biological community diversity, productivity, and stability, including information on the factors affecting rates of eutrophication and rates of organic and inorganic sedimentation for varying types of receiving waters.

EPA is today announcing the availability of criteria documents for 64 of the 65 pollutants designated as toxic under section 307(a)(1) of the Act. The document on TCDD (Dioxin) will be published within the next month after review of recent studies. Criteria for the section 307(a)(1) toxic pollutants being published today will replace the criteria for those same pollutants found in the EPA publication, *Quality Criteria for Water*, (the "Red Book.") Criteria for all other pollutants and water constituents found in the "Red Book" remain valid. The criteria published today have been derived using revised methodologies for determining pollutant concentrations that will, when not exceeded, reasonably protect human health and aquatic life. Draft criteria documents were made available for public comment (44 FR 15926, March 15, 1979, 44 FR 43660, July 25, 1979, 44 FR 56628, October 1, 1979). These final criteria have been derived after consideration of all comments received.

These criteria documents are also issued in satisfaction of the Settlement Agreement in *Natural Resources Defense Council, et al.* v. *Train*, 8 E.R.C. 2120 (1976), modified, 12 E.R.C. 1833 (D.D.C. 1979). Pursuant to paragraph 11 of that agreement, EPA is required to publish criteria documents for the 65 pollutants which Congress, in the 1977 amendments to the Act, designated as toxic under section 307(a)(1). These documents contain recommended maximum permissible pollutant concentrations consistent with the protection of aquatic organisms, human health, and some recreational activities. Although paragraph 11 imposes certain obligations on the Agency, it does not create additional authority.

The Development of Water Quality Criteria

Section 304(a)(1) criteria contain two essential types of information: (1) discussions of available scientific data on the effects of pollutants on public health and welfare, aquatic life and recreation, and (2) quantitative concentrations or qualitative assessments of the pollutants in water which will generally ensure water

quality adequate to support a specified water use. Under section 304(a)(1), these criteria are based solely on data and scientific judgments on the relationship between pollutant concentrations and environmental and human health effects. Criteria values do not reflect considerations of economic or technological feasibility.

Publication of water quality criteria of this type has been an ongoing process which EPA, and its predecessor Agency, the Federal Water Pollution Control Administration, have been engaged in since 1968. At that time the first Federal compilation of water quality criteria, the so-called "Green Book" *(Water Quality Criteria)*, was published. As now, these criteria contained both narrative discussions of the environmental effects of pollutants on a range of possible uses and concentrations of pollutants necessary to support these uses. Since that time, water quality criteria have been revised and expanded with publication of the "Blue Book" *(Water Quality Criteria 1972)* in 1973 and the "Red Book" *(Quality Criteria for Water)* in 1976.

Since publication of the Red Book there have been substantial changes in EPA's approach to assessing scientific data and deriving section 304(a)(1) criteria. Previous criteria were derived from a limited data base. For many pollutants, an aquatic life criterion was derived by multiplying the lowest concentration known to have acute lethal effect on half of a test group of an aquatic species (the LC50 value) by an application factor in order to protect against chronic effects. If data showed a substance to be bioaccumulative or to have other significant long-term effects, a factor was used to reduce the indicated concentrations to a level presumed to be protective. Criteria for the protection of human health were similarly derived by considering the pollutants' acute, chronic, and bioaccumulative effects on non-human mammals and humans.

Although a continuation of the process of criteria development, the criteria published today were derived using revised methodologies (Guidelines) for calculating the impact of pollutants on human health and aquatic organisms. These Guidelines consist of systematic methods for assessing valid and appropriate data concerning acute and chronic adverse effects of pollutants on aquatic organisms, non-human mammals, and humans. By use of these data in prescribed ways, criteria are formulated to protect aquatic life and human health from exposure to the pollutants. For some pollutants, bioconcentration properties are used to formulate criteria protective of aquatic life uses. For almost all of the pollutants, bioconcentration properties are used to assess the relative extent of human exposure to the pollutant either directly through ingestion of water or indirectly through consumption of aquatic organisms. Human health criteria for carcinogens are presented as incremental risks to man associated with specific concentrations of the pollutant in ambient water. The Guidelines used to derive criteria protective of aquatic life and human health are fully described in appendices B and C, respectively, of this Notice.

The Agency believes that these Guidelines provide criteria which more accurately reflect the effects of these pollutants on human health and on aquatic organisms and their uses. They are based on a more rational and consistent approach for using scientific data. These Guidelines were developed by EPA scientists in consultation with scientists from outside the Agency and they have been subjected to intensive public comment.

Neither the Guidelines nor the criteria are considered inflexible doctrine. Even at this time, EPA is taking action to employ the resources of peer review groups, including the Science Advisory Board, to evaluate recently published data, and EPA is conducting its own evaluation of new data to determine whether revisions to the criteria documents would be warranted.

The criteria published today are based solely on the effect of a single pollutant. However, pollutants in combination may have different effects because of synergistic, additive, or antagonistic properties. It is impossible in these documents to quantify the combined effects of these pollutants, and persons using criteria should be aware that site-specific analysis of actual combinations of pollutants may be necessary to give more precise indications of the actual environmental impacts of a discharge.

Relationship of the Section 304(a)(1) Criteria to Regulatory Programs

Section 304(a)(1) criteria are not rules and they have no regulatory impact. Rather, these criteria present scientific data and guidance on the enviromental effect of pollutants which can be useful to derive regulatory requirements based on considerations of water quality impacts. Under the Clean Water Act these regulatory requirements may include the promulgation of water quality-based effluent limitations under section 302, water quality standards under section 303, or toxic pollutant effluent standards under section 307. States are encouraged to begin to modify or, if necessary, develop new programs necessary to support the implementation of regulatory controls for toxic pollutants. As appropriate, States may incorporate criteria for toxic pollutants, based on this guidance, into their water quality standards.

Section 304(a)(1) criteria have been most closely associated with the development of State water quality standards, and the "Red Book" values have, in the past, been the basis for EPA's assessments of the adequacy of State requirements. However, EPA is now completing a major review of its water quality standards policies and regulations. After consideration of comments received on an Advance Notice of Proposed Rulemaking (43 FR 29588, July 10, 1978) and the draft criteria documents, the Agency intends to propose, by the end of this year, a revised water quality standards regulation which will clarify the Agency's position on a number of significant standards issues.

With the publication of these criteria, however, it is appropriate to discuss EPA's current thinking on standards issues relating to their use. This discussion does not establish new regulatory requirements and is intended as guidance on the possible uses of these criteria and an indication of future rulemaking the Agency may undertake. No substantive requirements will be established without further opportunity for public comment.

Water Quality Standards

Section 303 of the Clean Water Act provides that water quality standards be developed for all surface waters. A water quality standard consists basically of two parts: (1) A "designated use" for which the water body is to be protected (such as "agricultural," "recreation" or "fish and wildlife"), and (2) "criteria" which are numerical pollutant concentration limits or narrative statements necessary to preserve or achieve the designated use. A water quality standard is developed through State or Federal rulemaking proceedings and must be translated into enforceable effluent limitations in a point source (NPDES) permit or may form the basis of best management practices applicable to nonpoint sources under section 208 of the Act.

Relationship of Section 304(a)(1) Criteria to the Criteria Component of State Water Quality Standards

In the ANPRM, EPA announced a policy of "presumptive applicability" for

section 304(a)(1) criteria codified in the "Red Book." Presumptive applicability meant that a State had to adopt a criterion for a particular water quality parameter at least as stringent as the recommendation in the Red Book unless the State was able to justify a less stringent criterion based on: natural - background conditions, more recent scientific evidence, or local, site-specific information. EPA is rescinding the policy of presumptive applicability because it has proven to be too inflexible in actual practice.

Although the section 304(a)(1) criteria represent a reasonable estimate of pollutant concentrations consistent with the maintenance of designated water uses, States may appropriately modify these values to reflect local conditions. In certain circumstances, the criteria may not accurately reflect the toxicity of a pollutant because of the effect of local water quality characteristics or varying sensitivities of local populations. For example, in some cases, ecosystem adaptation may enable a viable, balanced aquatic population to exist in waters with high natural background levels of certain pollutants. Similarly, certain compounds may be more or less toxic in some waters because of differences in alkalinity, temperature, hardness, and other factors.

Methods for adjusting the section 304(a)(1) criteria to reflect these local differences are discussed below.

Relationship of Section 304(a)(1) Criteria to Designated Water Uses:

The criteria published today can be used to support the designated uses which are generally found in State standards. The following section discusses the relationship between the criteria and individual use classifications. Where a water body is designated for more than one use, criteria necessary to protect the most sensitive use should be applied.

1. *Recreation:* Recreational uses of water include such activities as swimming, wading, boating and fishing. Although insufficient data exist on the effects of toxic pollutants resulting from exposure through such primary contact as swimming, section 304(a)(1) criteria based on human health effects may be used to support this designated use where fishing is included in the State definition of "recreation." In this situation only the portion of the criterion based on fish consumption should be used.

2. *Protection and Propagation of Fish and Other Aquatic Life:* The section 304(a)(1) criteria based on toxicity to aquatic life may be used directly to support this designated use.

3. *Agricultural and Industrial Uses:* The section 304(a)(1) criteria were not specifically developed to reflect the impact of pollutants on agricultural and industrial uses. However, the criteria developed for human health and aquatic life are sufficiently stringent to protect these other uses. States may establish criteria specifically designed to protect these uses.

4. *Public Water Supply:* The drinking water exposure component of the human health effects criteria can apply directly to this use classification or may be appropriately modified depending upon whether the specific water supply system falls within the auspices of the Safe Drinking Water Act's (SDWA) regulatory control, and the type and level of treatment imposed upon the supply before delivery to the consumer. The SDWA controls the presence of toxic pollutants in finished ("end-of-tap") drinking water. A brief description of relevant sections of this Act is necessary to explain how the SDWA will work in conjunction with section 304(a)(1) criteria in protecting human health from the effects of toxics due to consumption of water.

Pursuant to section 1412 of the SDWA, EPA has promulgated "National Interim Primary Drinking Water Standards" for certain organic and inorganic substances. These standards establish "maximum contaminant levels" ("MCLs") which specify the maximum permissible level of a contaminant in water which may be delivered to a user of a public water system now defined as serving a minimum of 25 people. MCLs are established based on consideration of a range of factors including not only the health effects of the contaminants but also technological and economic feasibility of the contaminants' removal from the supply. EPA is required to establish revised primary drinking water regulations based on the effects of a contaminant on human health, and include treatment capability, monitoring availability, and costs. Under Section 1401(1)(D)(i) of the SDWA, EPA is also allowed to establish the minimum quality criteria for water which may be taken into a public water supply system.

Section 304(a)(1) criteria provide estimates of pollutant concentrations protective of human health, but do not consider treatment technology, costs and other feasibility factors. The section 304(a)(1) criteria also include fish bioaccumulation and consumption factors in addition to direct human drinking water intake. These numbers were not developed to serve as "end of tap" drinking water standards, and they have no regulatory significance under the SDWA. Drinking water standards are established based on considerations, including technological and economic feasibility, not relevant to section 304(a)(1) criteria. Section 304(a)(1) criteria may be analogous to the recommended maximum contaminant levels (RMCLs) under section 1412(b)(1)(B) of the SDWA in which, based upon a report from the National Academy of Sciences, the Administrator should set target levels for contaminants in drinking water at which "no known or anticipated adverse effects occur and which allows an adequate margin of safety". RMCLs do not take treatment, cost, and other feasibility factors into consideration. Section 304(a)(1) criteria are, in concept, related to the health-based goals specified in the RMCLs. Specific mandates of the SDWA such as the consideration of multi-media exposure, as well as different methods for setting maximum contaminant levels under the two Acts, may result in differences between the two numbers.

MCLs of the SDWA, where they exist, control toxic chemicals in finished drinking water. However, because of variations in treatment and the fact that only a relatively small number of MCLs have been developed, ambient water criteria may be used by the States as a supplement to SDWA regulations. States will have the option of applying MCLs, section 304(a)(1) human health effects criteria, modified section 304(a)(1) criteria or controls more stringent than these three to protect against the effects of toxic pollutants by ingestion from drinking water.

For untreated drinking water supplies, States may control toxics in the ambient water through either use of MCLs (if they exist for the pollutants of concern), section 304(a)(1) human health effects criteria, or a more strigent contaminant level than the former two options.

For treated drinking water supplies serving less than 25 people, States may choose toxics control through application of MCLs (if they exist for the pollutants of concern and are attainable by the type of treatment) in the finished drinking water. States also have the options to control toxics in the ambient water by choosing section 304(a)(1) criteria, adjusted section 304(a)(1) criteria resulting from the reduction of the direct drinking water exposure component in the criteria calculation to the extent that the treatment procedure reduces the level of pollutants, or a more stringent contaminant level than the former three options.

For treated drinking water supplies serving 25 people or greater, States must control toxics down to levels at least as stringent as MCLs (where they exist for

the pollutants of concern) in the finished drinking water. However, States also have the options to control toxics in the ambient water by choosing section 304(a)(1) criteria, adjusted section 304(a)(1) criteria resulting from the reduction of the direct drinking water exposure component in the criteria calculation to the extent that the treatment process reduces the level of pollutants, or a more stringent contaminant level than the former three options.

Inclusion of Specific Pollutants in State Standards:

To date, EPA has not required that a State address any specific pollutant in its standards. Although all States have established standards for most conventional pollutants, the treatment of toxic pollutants has been much less extensive. In the ANPRM, EPA suggested a policy under which States would be required to address a set of pollutants and incorporate specific toxic pollutant criteria into water quality standards. If the State failed to incorporate these criteria, EPA would promulgate the standards based upon these criteria pursuant to section 303(c)(4)(B).

In the forthcoming proposed revision to the water quality standard regulations, a significant change in policy will be proposed relating to the incorporation of certain pollutants in State water quality standards. This proposal will differ from the proposal made in the ANPRM. The ANPRM proposed an EPA-published list of pollutants for which States would have had to develop water quality standards. This list might have contained some (or all) of the 65 toxic pollutants. However, the revised water quality standards regulation will propose a process by which EPA will assist States in identifying specific toxic pollutants required for assessment for possible inclusion in State water quality standards. For these pollutants, States will have the option of adopting the published criteria or of adjusting those criteria based on site-specific analysis.

These pollutants would generally represent the greatest threat to sustaining a healthy, balanced ecosystem in water bodies or to human health due to exposure directly or indirectly from water. EPA is currently developing a process to determine which pollutants a State must assess for possible inclusion in its water quality standards. Relevant factors might include the toxicity of the pollutant, the frequency and concentration of its discharge, its geographical distribution, the breadth of data underlying the scientific assessment of its aquatic life and human health effects, and the technological and economic capacity to control the discharge of the pollutant. For some of the pollutants, all States may be required to assess them for possible inclusion in their standards. For others, assessment would be restricted to States or limited to specific water bodies where the pollutants pose a particular site-specific problem.

Criteria Modification Process

Flexibility is available in the application of these and any other valid water quality criteria to regulatory programs. Although in some cases they may be used by the States as developed, the criteria may be modified to reflect local environmental conditions and human exposure patterns before incorporation into programs such as water quality standards. If significant impacts of site-specific water quality conditions in the toxicities of pollutants can be demonstrated or significantly different exposure patterns of these pollutants to humans can be shown, section 304(a)(1) criteria may be modified to reflect these local conditions. The term "local" may refer to any appropriate geographic area where common aquatic environmental conditions or exposure patterns exist. Thus, "local" may signify a Statewide, regional, river reach, or entire river basin area. On the other hand, the criteria of some pollutants might be applicable nationwide without the need for adaptation to reflect local conditions. The degree of toxicity toward aquatic organisms and humans characteristic of these pollutants would not change significantly due to local water quality conditions.

EPA is examining a series of environmental factors or water quality parameters which might realistically be expected to affect the laboratory-derived water quality criterion recommendation for a specific pollutant. Factors such as hardness, pH, suspended solids, types of aquatic organisms present, etc. could impact on the chemical's effect in the aquatic environment. Therefore, local information can be assembled and analyzed to adjust the criterion recommendation if necessary.

The Guidelines for deriving criteria for the protection of aquatic life suggest several approaches for modifying the criteria. First, toxicity data, both acute and chronic, for local species could be substituted for some or all of the species used in deriving criteria for the water quality standard. The minimum data requirements should still be fulfilled in calculating a revised criterion. Second, criteria may be specifically tailored to a local water body by use of data from toxicity tests performed with that ambient water. A procedure such as this would account for local environmental conditions in formulating a criterion relevant to the local water body. Third, site-specific water quality characteristics resulting in either enhancement or mitigation of aquatic life toxicity for the pollutant could be factored into final formulation of the criterion. Finally, the criteria may be made more stringent to ensure protection of an individual species not otherwise adequately protected by any of the three modification procedures previously mentioned.

EPA does not intend to have States assess every local stream segment and lake in the country on an individual basis before determining if an adjustment is necessary. Rather, it is envisioned that water bodies having similar hydrological, chemical, physical, and biological properties will be grouped for the purpose of criteria adjustment. The purpose of this effort is to assist States in adapting the section 304(a) criteria to local conditions where needed, thereby precluding the setting of arbitrary and perhaps unnecessarily stringent or underprotective criteria in a water body. In all cases, EPA will still be required, pursuant to section 303(c), to determine whether the State water quality standards are consistent with the goals of the Act, including a determination of whether State-established criteria are adequate to support a designated use.

Criteria for the Protection of Aquatic Life

Interpretation of the Criteria

The aquatic life criteria issued today are summarized in Appendix A of this Federal Register notice. Criteria have been formulated by applying a set of Guidelines to a data base for each pollutant. The criteria for the protection of aquatic life specify pollutant concentrations which, if not exceeded, should protect most, but not necessarily all, aquatic life and its uses. The Guidelines specify that criteria should be based on an array of data from organisms, both plant and animal, occupying various trophic levels. Based on these data, criteria can be derived which should be adequate to protect the types of organisms necessary to support an aquatic community.

The Guidelines are not designed to derive criteria which will protect all life stages of all species under all conditions. Generally some life stage of one or more tested species, and

probably some untested species, will have sensitivities below the maximum value or the 24-hour average under some conditions and would be adversely affected if the highest allowable pollutant concentrations and the worst conditions existed for a long time. In actual practice, such a situation is not likely to occur and thus the aquatic community as a whole will normally be protected if the criteria are not exceeded. In any aquatic community there is a wide range of individual species sensitivities to the effects of toxic pollutants. A criterion adequate to protect the most susceptible life stage of the most sensitive species would in many cases be more stringent than necessary to protect the overall aquatic community.

The aquatic life criteria specify both maximum and 24-hour average values. The combination of the two values is designed to provide adequate protection of aquatic life and its uses from acute and chronic toxicity and bioconcentration without being as restrictive as a one-number criterion would have to be to provide the same amount of protection. A time period of 24 hours was chosen in order to ensure that concentrations not reach harmful levels for unacceptably long periods. Averaging for longer periods, such as a week or a month for example, could permit high concentrations to persist long enough to produce significant adverse effects. A 24-hour period was chosen instead of a slightly longer or shorter period in recognition of daily fluctuations in waste discharges and of the influence of daily cycles of sunlight and darkness and temperature on both pollutants and aquatic organisms.

The maximum value, which is derived from acute toxicity data, prevents significant risk of adverse impact to organisms exposed to concentrations above the 24-hour average. Merely specifying the average value over a specified time period is insufficient because concentrations of chemicals higher than the average value can kill or cause irreparable damage in short periods. Furthermore, for some chemicals the effect of intermittent high exposures is cumulative. It is therefore necessary to place an upper limit on pollutant concentrations to which aquatic organisms might be exposed. The two-number criterion is intended to describe the highest average ambient water concentration which will produce a water quality generally suited to the maintenance of aquatic life while restricting the extent and duration of the excursions over that average to levels which will not cause harm. The only way to assure the same degree of protection with a one-number criterion would be to use the 24-hour average as a concentration that is not to be exceeded at any time in any place.

Since some substances may be more toxic in freshwater than in saltwater, or vice versa, provision is made for deriving separate water quality criteria for freshwater and for saltwater for each substance. However, for some substances sufficient data may not be available to derive one or both of these criteria using the Guidelines.

Specific aquatic life criteria have not been developed for all of the 65 toxic pollutants. In those cases where there were insufficient data to allow the derivation of a criterion, narrative descriptions of apparent threshold levels for acute and/or chronic effects based on the available data are presented. These descriptions are intended to convey a sense of the degree of toxicity of the pollutant in the absence of a criterion recommendation.

Summary of the Aquatic Life Guidelines

The Guidelines for Deriving Water Quality Criteria for the Protection of Aquatic Life and its Uses were developed to describe an objective, internally consistent, and appropriate way of ensuring that water quality criteria for aquatic life would provide, on the average, a reasonable amount of protection without an unreasonable amount of overprotection or underprotection. The resulting criteria are not intended to provide 100 percent protection of all species and all uses of aquatic life all of the time, but they are intended to protect most species in a balanced, healthy aquatic community. The Guidelines are published as Appendix B of this Notice. Responses to public comments on these Guidelines are attached as Appendix D.

Minimum data requirements are identified in four areas: acute toxicity to animals (eight data points), chronic toxicity to animals (three data points), toxicity to plants, and residues. Guidance is also given for discarding poor quality data.

Data on acute toxicity are needed for a variety of fish and invertebrate species and are used to derive a Final Acute Value. By taking into account the number and relative sensitivities of the tested species, the Final Acute Value is designed to protect most, but not necessarily all, of the tested and untested species.

Data on chronic toxicity to animals can be used to derive a Final Chronic Value by two different means. If chronic values are available for a specified number and array of species, a final chronic value can be calculated directly. If not, an acute-chronic ratio is derived and then used with the Final Acute Value to obtain the Final Chronic Value.

The Final Plant Value is obtained by selecting the lowest plant toxicity value based on measured concentrations.

The Final Residue Value is intended to protect wildlife which consume aquatic organisms and the marketability of aquatic organisms. Protection of the marketability of aquatic organisms is, in actuality, protection of a use of that water body ("commercial fishery"). Two kinds of data are necessary to calculate the Final Residue Value: a bioconcentration factor (BCF) and a maximum permissible tissue concentration, which can be an FDA action level or can be the result of a chronic wildlife feeding study. For lipid soluble pollutants, the BCF is normalized for percent lipids and then the Final Residue Value is calculated by dividing the maximum permissible tissue concentration by the normalized BCF and by an appropriate percent lipid value. BCFs are normalized for percent lipids since the BCF measured for any individual aquatic species is generally proportional to the percent lipids in that species.

If sufficient data are available to demonstrate that one or more of the final values should be related to a water quality characteristic, such as salinity, hardness, or suspended solids, the final value(s) are expressed as a function of that characteristic.

After the four final values (Final Acute Value, Final Chronic Value, Final Plant Value, and Final Residue Value) have been obtained, the criterion is established with the Final Acute Value becoming the maximum value and the lowest of the other three values becoming the 24-hour average value. All of the data used to calculate the four final values and any additional pertinent information are then reviewed to determine if the criterion is reasonable. If sound scientific evidence indicates that the criterion should be raised or lowered, appropriate changes are made as necessary.

The present Guidelines have been revised from the earlier published versions (43 FR 21506, May 18, 1978; 43 FR 29028, July 5, 1978; 44 FR 15926, March 15, 1979). Details have been added in many places and the concept of a minimum data base has been incorporated. In addition, three adjustment factors and the species sensitivity factor have been deleted. These modifications were the result of the Agency's analysis of public comments and comments received from the Science Advisory Board on earlier

versions of the Guidelines. These comments and the Resultant modifications are addressed fully in Appendix D to this notice.

Criteria for the Protection of Human Health

Interpretation of the Human Health Criteria

The human health criteria issued today are summarized in Appendix A of this Federal Register notice. Criteria for the protection of human health are presented for 62 of the 65 pollutants based on their carcinogenic, toxic, or organoleptic (taste and odor) properties. The meanings and practical uses of the criteria values are distinctly different depending on the properties on which they are based.

The objective of the health assessment portions of the criteria documents is to estimate ambient water concentrations which, in the case of non-carcinogens, prevent adverse health effects in humans, and in the case of suspect or proven carcinogens, represent various levels of incremental cancer risk.

Health assessments typically contain discussions of four elements: Exposure, pharmacokinetics, toxic effects, and criterion formulation.

The *exposure section summarizes* information on exposure routes: ingestion directly from water, indirectly from consumption of aquatic organisms found in ambient water, other dietary sources, inhalation, and dermal contact. Exposure assumptions are used to derive human health criteria. Most criteria are based solely on exposure from consumption of water containing a specified concentration of a toxic pollutant and through consumption of aquatic organisms which are assumed to have bioconcentrated pollutants from the water in which they live. Other multimedia routes of exposure such as air, non-aquatic diet, or dermal are not factored into the criterion formulation for the vast majority of pollutants due to lack of data. The criteria are calculated using the combined aquatic exposure pathway and also using the aquatic organism ingestion exposure route alone. In criteria reflecting both the water consumption and aquatic organism ingestion routes of exposure, the relative exposure contribution varies with the propensity of a pollutant to bioconcentrate, with the consumption of aquatic organisms becoming more important as the bioconcentration factor (BCF) increases. As additional information on total exposure is assembled for pollutants for which criteria reflect only the two specified aquatic exposure routes, adjustments in water concentration values may be made. The Agency intends to publish guidance which will permit the States to identify significantly different exposure patterns for their populations. If warranted by the demonstration of significantly different exposure patterns, this will become an element of a process to adapt/modify human health-based criteria to local conditions, somewhat analogous to the aquatic life criteria modification process discussed previously. It is anticipated that States at their discretion will be able to set appropriate human health criteria based on this process.

The pharmacokinetics section reviews data on absorption, distribution, metabolism, and excretion to assess the biochemical fate of the compounds in the human and animal system. The toxic effects section reviews data on acute, subacute, and chronic toxicity, synergistic and antagonistic effects, and specific information on mutagenicity, teratogenicity, and carcinogenicity. From this review, the toxic effect to be protected against is identified taking into account the quality, quantity, and weight of evidence characteristic of the data. The criterion formulation section reviews the highlights of the text and specifies a rationale for criterion development and the mathematical derivation of the criterion number.

Within the limitations of time and resources, current published information of significance was incorporated into the human health assessments. Review articles and reports were used for data evaluation and synthesis. Scientific judgment was exercised in reviewing and evaluating the data in each criteria document and in identifying the adverse effects for which protective criteria were published.

Specific health-based criteria are developed only if a weight of evidence supports the occurrence of the toxic effect and if dose/response data exist from which criteria can be estimated.

Criteria for suspect or proven carcinogens are presented as concentrations in water associated with a range of incremental cancer risks to man. Criteria for non-carcinogens represent levels at which exposure to a single chemical is not anticipated to produce adverse effects in man. In a few cases, organoleptic (taste and odor) data form the basis for the criterion. While this type of criterion does not represent a value which directly affects human health, it is presented as an estimate of the level of a pollutant that will not produce unpleasant taste or odor either directly from water consumption or indirectly by consumption of aquatic organisms found in ambient waters. A criterion developed in this manner is judged to be as useful as other types of criteria in protecting designated water uses. In addition, where data are available, toxicity-based criteria are also presented for pollutants with derived organoleptic criteria. The choice of criteria used in water quality standards for these pollutants will depend upon the designated use to be protected. In the case of a multiple use water body, the criterion protecting the most sensitive use will be applied. Finally, for several pollutants no criteria are recommended due to a lack of information sufficient for quantitative criterion formulation.

Risk Extrapolation

Because methods do not now exist to establish the presence of a threshold for carcinogenic effects, EPA's policy is that there is no scientific basis for estimating "safe" levels for carcinogens. The criteria for carcinogens, therefore, state that the recommended concentration for maximum protection of human health is zero. In addition, the Agency has presented a range of concentrations corresponding to incremental cancer risks of 10^{-7} to 10^{-5} (one additional case of cancer in populations ranging from ten million to 100,000, respectively). Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Summary of the Human Health Guidelines

The health assessments and corresponding criteria published today were derived based on *Guidelines and Methodology Used in the Preparation of Health Effect Assessment Chapters of the Consent Decree Water Criteria Documents* (the Guidelines) developed by EPA's Office of Reserch and Development. The estimation of health risks associated with human exposure to environmental pollutants requires predicting the effect of low doses for up to a lifetime in duration. A combination of epidemiological and animal dose/response data is considered the preferred basis for quantitative criterion derivation. The complete Guidelines are presented as Appendix C. Major issues associated with these Guidelines and responses to public comments are presented as Appendix E.

No-effect (non-carcinogen) or specified risk (carcinogen) concentrations were estimated by extrapolation from animal toxicity or

human epidemiology studies using the following basic exposure assumptions: a 70-kilogram male person (*Report of the Task Group on Reference Man*, International Commission for Radiation Protection, November 23, 1957) as the exposed individual; the average daily consumption of freshwater and estuarine fish and shellfish products equal to 6.5 grams/day; and the average ingestion of two liters/day of water (*Drinking Water and Health*, National Academy of Sciences, National Research Council, 1977). Criteria based on these assumptions are estimated to be protective of an adult male who experiences average exposure conditions.

Two basic methods were used to formulate health criteria, depending on whether the prominent adverse effect was cancer or other toxic manifestations. The following sections detail these methods.

Carcinogens

Extrapolation of cancer responses from high to low doses and subsequent risk estimation from animal data is performed using a linearized multi-stage model. This procedure is flexible enough to fit all monotonically-increasing dose response data, since it incorporates several adjustable parameters. The multi-stage model is a linear non-threshold model as was the "one-hit" model originally used in the proposed criteria documents. The linearized multi-stage model and its characteristics are described fully in Appendix C. The linear non-threshold concept has been endorsed by the four agencies in the Interagency Regulatory Liaison Group and is less likely to underestimate risk at the low doses typical of environmental exposure than other models that could be used. Because of the uncertainties associated with dose response, animal-to-human extrapolation and other unknown factors, because of the use of average exposure assumptions, and because of the serious public health consequences that could result if risk were underestimated, EPA believes that it is prudent to use conservative methods to estimate risk in the water quality criteria program. The linearized multistage model is more systematic and invokes fewer arbitrary assumptions than the "one-hit" procedure previously used.

It should be noted that extrapolation models provide estimates of risk since a variety of assumptions are built into any model. Models using widely different assumptions may produce estimates ranging over several orders of magnitude. Since there is at present no way to demonstrate the scientific validity of any model, the use of risk extrapolation models is a subject of debate in the scientific community. However, risk extrapolation is generally recognized as the only tool available at this time for estimating the magnitude of health hazards associated with non-threshold toxicants and has been endorsed by numerous Federal agencies and scientific organizations, including EPA's Carcinogen Assessment Group, the National Academy of Sciences, and the Interagency Regulatory Liaison Group as a useful means of assessing the risks of exposure to various carcinogenic pollutants.

Non-Carcinogens

Health criteria based on toxic effects of pollutants other than carcinogenicity are estimates of concentrations which are not expected to produce adverse effects in humans. They are based upon Acceptable Daily Intake (ADI) levels and are generally derived using no-observed-adverse-effect-level (NOAEL) data from animal studies although human data are used wherever available. The ADI is calculated using safety factors to account for uncertainties inherent in extrapolation from animal to man. In accordance with the National Research Council recommendations (*Drinking Water and Health*, National Academy of Sciences, National Research Council, 1977), safety factors of 10, 100, or 1,000 are used depending on the quality and quantity of data. In some instances extrapolations are made from inhalation studies or limits to approximate a human response from ingestion using the Stokinger-Woodward model (Journal of American Water Works Association, 1958). Calculations of criteria from ADIs are made using the standard exposure assumptions (2 liters of water, 6.5 grams of edible aquatic products, and an average body weight of 70 kg).

Dated: October 24, 1980.

Douglas M. Costle,

Administrator.

Appendix A—Summary of Water Quality Criteria

Acenaphthene

Freshwater Aquatic Life

The available data for acenaphthene indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 1,700 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of acenaphthene to sensitive freshwater aquatic animals but toxicity to freshwater algae occur at concentrations as low as 520 μg/L

Saltwater Aquatic Life

The available data for acenaphthene indicate that acute and chronic toxicity to saltwater aquatic life occur at concentrations as low as 970 and 710 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested. Toxicity to algae occurs at concentrations as low as 500 μg/L

Human Health

Sufficient data is not available for acenaphthene to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 20 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

Acrolein

Freshwater Aquatic Life

The available data for acrolein indicate that acute and chronic toxicity to freshwater aquatic life occurs at concentrations as low as 68 and 21 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available data for acrolein indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 55 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of acrolein to sensitive saltwater aquatic life.

Human Health

For the protection of human health from the toxic properties of acrolein ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 320 μg/l.

For the protection of human health from the toxic properties of acrolein ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 780 μg/l.

Acrylonitrile

Freshwater Aquatic Life

The available data for acrylonitrile indicate that acute toxicity to freshwater aquatic life occurs at concentrations as

low as 7,550 µg/l and would occur at lower concentrations among species that are more sensitive than those tested. No definitive data are available concerning the chronic toxicity of acrylonitrile to sensitive freshwater aquatic life but mortality occurs at concentrations as low as 2,600 µg/l with a fish species exposed for 30 days.

Saltwater Aquatic Life

Only one saltwater species has been tested with acrylonitrile and no statement can be made concerning acute or chronic toxicity.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of acrylonitrile through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are .58 µg/l, .058 µg/l and .006 µg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 6.5 µg/l, .65 µg/l, and .065 µg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Aldrin-Dieldrin

Dieldrin

Freshwater Aquatic Life

For dieldrin the criterion to protect fresh water aquatic life as derived using the Guidelines is 0.0019 µg/l as a 24-hour average and the concentration should not exceed 2.5 µg/l at any time.

Saltwater Aquatic Life

For dieldrin the criterion to protect saltwater aquatic life as derived using the Guidelines is 0.0019 µg/l as a 24-hour average and the concentration should not exceed 0.71 µg/l at any time.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of dieldrin through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are .71 ng/l, .071 ng/l, and .0071 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are .76 ng/l, .076 ng/l, and .0076 ng/l respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Aldrin

Freshwater Aquatic Life

For freshwater aquatic life the concentration of aldrin should not exceed 3.0 µg/l at any time. No data are available concerning the chronic toxicity of aldrin to sensitive freshwater aquatic life.

Saltwater Aquatic Life

For saltwater aquatic life the concentration of aldrin should not exceed 1.3 µg/l at any time. No data are available concerning the chronic toxicity of aldrin to sensitive saltwater aquatic life.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of aldrin through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are .74 ng/1, .074 ng/1, and .0074 ng/1, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are .79 ng/1, .079 ng/1, and .0079 ng/1, respectively. Other concentrations respresenting different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Antimony

Freshwater Aquatic Life

The available data for antimony indicate that acute and chronic toxicity to freshwater aquatic life occur at concentrations as low as 9,000 and 1,600 µg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested. Toxicity to algae occurs at concentrations as low as 610 µg/l.

Saltwater Aquatic Life

No saltwater organisms have been adequately tested with antimony, and no statement can be made concerning acute or chronic toxicity.

Human Health

For the protection of human health from the toxic properties of antimony ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 146 µg/l.

For the protection of human health from the toxic properties of antimony ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 45,000 µg/l.

Arsenic

Freshwater Aquatic Life

For freshwater aquatic life the concentration of total recoverable trivalent inorganic arsenic should not exceed 440 µg/l at any time. Short-term effects on embryos and larvae of aquatic vertebrate species have been shown to occur at concentrations as low as 40 µg/l.

Saltwater Aquatic Life

The available data for total recoverable trivalent inorganic arsenic indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 508 µg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of trivalent inorganic arsenic to sensitive saltwater aquatic life.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of arsenic through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are

estimated at 10^{-6}, 10^{-6}, and 10^{-5}. The corresponding criteria are 22 ng/l, 2.2 ng/l, and .22 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 175 ng/l, 17.5 ng/l, and 1.75 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Asbestos

Freshwater Aquatic Life

No freshwater organisms have been tested with any asbestiform mineral and no statement can be made concerning acute or chronic toxicity.

Saltwater Aquatic Life

No saltwater organisms have been tested with any asbestiform mineral and no statement can be made concerning acute or chronic toxicity.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of asbestos through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 300,000 fibers/1, 30,000 fibers/1, and 3,000 fibers/1, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Benzene

Freshwater Aquatic Life

The available data for benzene indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 5,300 µg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of benzene to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for benzene indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 5,100 µg/l and would occur at lower concentrations among species that are more sensitive than those tested. No definitive data are available concerning the chronic toxicity of benzene to sensitive saltwater aquatic life, but adverse effects occur at concentrations as low as 700 µg/l with a fish species exposed for 168 days.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of benzene through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 6.6 µg/l, .66 µg/l, and .066 µg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 400 µg/l, 40.0 µg/l, and 4.0 µg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Benzidine

Freshwater Aquatic Life

The available data for benzidine indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 2,500 µg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of benzidine to sensitive freshwater aquatic life.

Saltwater Aquatic Life

No saltwater organisms have been tested with benzidine and no statement can be made concerning acute and chronic toxicity.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of benzidine through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 1.2 ng/1, .12 ng/1, and .01 ng/1, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 5.3 ng/1, .53 ng/1, and .05 ng/1, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Beryllium

Freshwater Aquatic Life

The available data for beryllium indicate that acute and chronic toxicity to freshwater aquatic life occurs at concentrations as low as 130 and 5.3 µg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested. Hardness has a substantial effect on acute toxicity.

Salt water Aquatic Life

The limited saltwater data base available for beryllium does not permit any statement concerning acute or chronic toxicity.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of beryllium through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 37 ng/l, 3.7 ng/l, and .37 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 641 ng/l, 64.1 ng/l, and 6.41 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Cadmium

Freshwater Aquatic Life

For total recoverable cadmium the criterion (in µg/l) to protect freshwater aquatic life as derived using the Guidelines is the numerical value given

by $e^{(1.05[\ln(\text{hardness})]-8.14)}$ as a 24-hour average and the concentration (in μg/l) should not exceed the numerical value given by $e^{(1.05[\ln(\text{hardness})]+1.29)}$ at any time. For example, a hardnesses of 50, 100, and 200 mg/l as $CaCO_3$, the criteria are 0.012, 0.025, and 0.051 μg/l, respectively, and the concentration of total recoverable cadmium should not exceed 1.5, 3.0 and 6.3 μg/l, respectively, at any time.

Saltwater Aquatic Life

For total recoverable cadmium the criterion to protect saltwater aquatic life as derived using the Guidelines is 4.5 μg/l as a 24-hour average and the concentration should not exceed 59 μg/l at any time.

Human Health

The ambient water quality criterion for cadmium is recommended to be identical to the existing drinking water standard which is 10 μg/l. Analysis of the toxic effects data resulted in a calculated level which is protective of human health against the ingestion of contaminated water and contaminated aquatic organisms. The calculated value is comparable to the present standard. For this reason a selective criterion based on exposure solely from consumption of 6.5 grams of aquatic organisms was not derived.

Carbon Tetrachloride

Freshwater Aquatic Life

The available date for carbon tetrachloride indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 35,200 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of carbon tetrachloride to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for carbon tetrachloride indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 50,000 μg/l and would occur at lower concentrations among species that are more sensitive that those tested. No data are available concerning the chronic toxicity of carbon tetrachloride to sensitive saltwater aquatic life.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of carbon tetrachloride through ingestion of contaminated water and contaminated aquatic organisms the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 4.0μg/l, .40 μg/l, and .04 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 69.4 μg/l, 6.94 μg/l, and .69 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Chlordane

Freshwater Aquatic Life

For chlordane the criterion to protect freshwater aquatic life as derived using the Guidelines is 0.0043 μg/l as a 24-hour average and the concentration should not exceed 2.4 μg/l at any time.

Saltwater Aquatic Life

For chlordane the criterion to protect saltwater aquatic life as derived using the Guidelines is 0.0040 μg/l as a 24-hour average and the concentration should not exceed 0.09 μg/l at any time.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of chlordane through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 4.6 ng/l, .46 ng/l, and .046 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 4.8 ng/l, .48 ng/l, and .048 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Chlorinated Benzenes

Freshwater Aquatic Life

The available data for chlorinated benzenes indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 250 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of the more toxic of the chlorinated benzenes to sensitive freshwater aquatic life but toxicity occurs at concentrations as low as 50 μg/l for a fish species exposed for 7.5 days.

Saltwater Aquatic Life

The available data for chlorinated benzenes indicate that acute and chronic toxicity to saltwater aquatic life occur at concentrations as low as 160 and 129 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of hexachlorobenzene through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding recommended criteria are 7.2 ng/l, .72 ng/l, and .072 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 7.4 ng/l, .74 ng/l, and .074 ng/l, respectively.

For the protection of human health from the toxic properties of 1,2,4,5-tetrachlorobenzene ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 38 μg/l.

For the protection of human health from the toxic properties of 1,2,4,5-tetrachlorobenzene ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 48 μg/l.

For the protection of human health from the toxic properties of pentachlorobenzene ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 74 μg/l.

For the protection of human health from the toxic properties of pentachlorobenzene ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 85 μg/l.

Using the present guidelines, a satisfactory criterion cannot be derived

at this time due to the insufficiency in the available data for trichlorobenzene.

For comparison purposes, two approaches were used to derive criterion levels for monochlorobenzene. Based on available toxicity data, for the protection of public health, the derived level is 488 μg/l. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 20 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

Chlorinated Ethanes

Freshwater Aquatic Life

The available freshwater data for chlorinated ethanes indicate that toxicity increases greatly with increasing chlorination, and that acute toxicity occurs at concentrations as low as 118,000 μg/l for 1,2-dichloroethane, 18,000 μg/l for two trichloroethanes, 9,320 μg/l for two tetrachloroethanes, 7,240 μg/l for pentachloroethane, and 980 μg/l for hexachloroethane. Chronic toxicity occurs at concentrations as low as 20,000 μg/l for 1,2-dichloroethane, 9,400 μg/l for 1,1,2-trichloroethane, 2,400 μg/l for 1,1,2,2,-tetrachloroethane, 1,100 μg/l for pentachloroethane, and 540 μg/l for hexachloroethane. Acute and chronic toxicity would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available saltwater data for chlorinated ethanes indicate that toxicity increases greatly with increasing chlorination and that acute toxicity to fish and invertebrate species occurs at concentrations as low as 113,000 μg/l for 1,2-dichloroethane, 31,200 μg/l for 1,1,1-trichloroethane, 9,020 μg/l for 1,1,2,2-tetrachloroethane, 390 μg/l for pentachloroethane, and 940 μg/l for hexachloroethane. Chronic toxicity occurs at concentrations as low as 281 μg/l for pentachloroethane. Acute and chronic toxicity would occur at lower concentrations among species that are more sensitive than those tested.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of 1,2-dichloroethane through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 9.4 μg/l, .94 μg/l, and .094 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 2,430 μg/l, 243 μg/l, and 24.3 μg/l respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

For the protection of human health from the toxic properties of 1,1,1-trichloroethane ingested through water and contaminated aquatic organism, the ambient water criterion is determined to be 18.4 mg/l.

For the protection of human health from the toxic properties of 1,1,1,-trichloroethane ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 1.03 g/l.

For the maximum protection of human health from the potential carcinogenic effects due to exposure of 1,1,2-trichloroethane through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 6.0 μg/l, .6 μg/l, and .06 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 418 μg/l, 41.8 μg/l, and 4.18 μg/l respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

For the maximum protection of human health from the potential carcinogenic effects due to exposure of 1,1,2,2-tetrachloroethane through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 1.7 μg/l, .17 μg/l, and .017 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 107 μg/l, 10.7 μg/l, and 1.07 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

For the maximum protection of human health from the potential carcinogenic effects due to exposure of hexachloroethane through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 19 μg/l, 1.9 μg/l, and .19 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 87.4 μg/l, 8.74 μg/l, and .87 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for monochloroethane.

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for 1,1,-dichloroethane.

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for 1,1,1,2-tetrachloroethane.

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for pentachloroethane.

Chlorinated Naphthalenes

Freshwater Aquatic Life

The available data for chlorinated naphthalenes indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 1,600 μg/l and would occur at lower concentrations among species that are

more sensitive than those tested. No data are available concerning the chronic toxicity of chlorinated naphthalenes to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for chlorinated napthalenes indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 7.5 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of chlorinated naphthalenes to sensitive saltwater aquatic life.

Human Health

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for chlorinated napthalenes.

Chlorinated Phenols

Freshwater Aquatic Life

The available freshwater data for chlorinated phenols indicate that toxicity generally increases with increasing chlorination, and that acute toxicity occurs at concentrations as low as 30 μg/l for 4-chloro-3-methylphenol to greater than 500,000 μg/l for other compounds. Chronic toxicity occurs at concentrations as low as 970 μg/l for 2,4,6-trichlorophenol. Acute and chronic toxicity would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available saltwater data for chlorinated phenols indicate that toxicity generally increases with increasing chlorination and that acute toxicity occurs at concentrations as low as 440 μg/l for 2,3,5,6-tetrachlorophenol and 29,700 μg/l for 4-chlorophenol. Acute toxicity would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of chlorinated phenols to sensitive saltwater aquatic life.

Human Health

Sufficient data is not available for 3-monochlorophenol to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 0.1 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

Sufficient data is not available for 4-monochlorophenol to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 0.1 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

Sufficient data is not available for 2,3-dichlorophenol to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is .04 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

Sufficient data is not available for 2,5-dichlorophenol to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is .5 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

Sufficient data is not available for 2,6-dichlorophenol to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is .2 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

Sufficient data is not available for 3,4-dichlorophenol to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is .3 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

Sufficient data is not available for 2,3,4,6-tetrachlorophenol to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 1 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

For comparison purposes, two approaches were used to derive criterion levels for 2,4,5-trichlorophenol. Based on available toxicity data, for the protection of public health, the derived level is 2.6 mg/l. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 1.0 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

For the maximum protection of human health from the potential carcinogenic effects due to exposure of 2,4,6-trichlorophenol through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 12 μg/l, 1.2 μg/l, and .12 μg/l respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 36 μg/l, 3.6 μg/l, and .36 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 2 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criterion have limitations and have no demonstrated relationship to potential adverse human health effects.

Sufficient data is not available for 2-methyl-4-chlorophenol to derive a level which would protect against any potential toxicity of this compound. Using available organoleptic data for controlling undesirable taste and odor quality of ambient water, the estimated level is 1800 μg/l. It should be

recognized that organoleptic data as a basis for establishing a water quality criterion have limitations and have no demonstrated relationship to potential adverse human health effects.

Sufficient data is not available for 3-methyl-4-chlorophenol to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 3000 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criterion have limitations and have no demonstrated relationship to potential adverse human health effects.

Sufficient data is not available for 3-methyl-6-chlorophenol to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 20 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criterion have limitations and have no demonstrated relationship to potential adverse human health effects.

Chloroalkyl Ethers

Freshwater Aquatic Life

The available data for chloroalkyl ethers indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 238,000 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No definitive data are available concerning the chronic toxicity of chloroalkyl ethers to sensitive freshwater aquatic life.

Saltwater Aquatic Life

No saltwater organisms have been tested with any chloroalkyl ether and no statement can be made concerning acute and chronic toxicity.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of bis-(chloromethyl)-ether through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are .038 ng/l, .0038 ng/l, and .00038 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 18.4 ng/l, 1.84 ng/l, and .184 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

For the maximum protection of human health from the potential carcinogenic effects due to exposure of bis (2-chloroethyl) ether through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are .3 μg/l, .03 μg/l, and .003 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 13.6 μg/l, 1.36 μg/l, and .136 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

For the protection of human health from the toxic properties of bis (2-chloroisopropyl) ether ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 34.7 μg/l.

For the protection of human health from the toxic properties of bis (2-chloroisopropyl) ether ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 4.36 mg/l.

Chloroform

Freshwater Aquatic Life

The available data for choloroform indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 28,900 μg/l, and would occur at lower concentrations among species that are more sensitive than the three tested species. Twenty-seven-day LC50 values indicate that chronic toxicity occurs at concentrations as low as 1,240 μg/l, and could occur at lower concentrations among species or other life stages that are more sensitive than the earliest life cycle stage of the rainbow trout.

Saltwater Aquatic Life

The data base for saltwater species is limited to one test and no statement can be made concerning acute or chronic toxicity.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of chloroform through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 1.90 μg/l, .19 μg/l, and .019 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 157 μg/l, 15.7 μg/l, and 1.57 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

2-Chlorophenol

Freshwater Aquatic Life

The availabe data for 2-chlorophenol indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 4,380 μg/l and would occur at lower concentrations among species that are more sensitive that those tested. No definitive data are available concerning the chronic toxicity of 2-chlorophenol to sensitive freshwater aquatic life but flavor impairment occurs in one species of fish at concentrations as low as 2,000 μg/l.

Saltwater Aquatic Life

No saltwater organisms have been tested with 2-chlorophenol and no statement can be made concerning acute and chronic toxicity.

Human Health

Sufficient data is not available for 2-chlorophenol to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 0.1 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no

demonstrated relationship to potential adverse human health effects.

Chromium

Freshwater Aquatic Life

For total recoverable hexavalent chromium the criterion to protect freshwater aquatic life as derived using the Guidelines is 0.29 μg/l as a 24-hour average and the concentration should not exceed 21 μg/l at any time.

For freshwater aquatic life the concentration (in μg/l) of total recoverable trivalent chromium should not exceed the numerical value given by "e{1.08[ln(hardness)]+3.48}" at any time. For example, at hardnesses of 50, 100 and 200 mg/l as $CaCO_3$ the concentration of total recoverable trivalent chromium should not exceed 2,200, 4,700, and 9,900 μg/l, respectively, at any time. The available data indicate that chronic toxicity to freshwater aquatic life occurs at concentrations as low a 44 μg/l and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

For total recoverable hexavalent chromium the criterion to protect saltwater aquatic life as derived using the Guidelines is 18 μg/l as a 24-hour average and the concentration should not exceed 1,260 μg/l at any time.

For total recoverable trivalent chromium, the availabe data indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 10,300 μg/l, and would occur at lower concentrations amoung species that are more sensitive than those tested. No data are available concerning the chronic toxicity of trivalent chromium to sensitive saltwater aquatic life.

Human Health

For the protection of human health from the toxic properties of Chromium III ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 170 mg/l.

For the protection of human health from the toxic properties of Chromium III ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 3433 mg/l.

The ambient water quality criterion for total Chromium VI is recommended to be identical to the existing drinking water standard which is 50 μg/l. Analysis of the toxic effects data resulted in a calculated level which is protective of human health against the ingestion of contaminated water and contaminated aquatic organisms. The calculated value is comparable to the present standard. For this reason a selective criterion based on exposure solely from consumption of 6.5 grams of aquatic organisms was not derived.

Copper

Freshwater Aquatic Life

For total recoverable copper the criterion to protect freshwater aquatic life as derived using the Guidelines is 5.6 μg/l as a 24-hour average and the concentration (in μg/l) should not exceed the numerical value given by e{0.94[ln(hardness)]-1.23} at any time. For example, at hardnesses of 50, 100, and 200 mg/l $CaCO_3$ the concentration of total recoverable copper should not exceed 12, 22, and 43 μg/l at any time.

Saltwater Aquatic Life

For total recoverable copper the criterion to protect saltwater aquatic life as derived using the Guidelines is 4.0 μg/l as a 24-hour average and the concentration should not exceed 23 μg/l at any time.

Human Health

Sufficient data is not available for copper to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 1 mg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

Cyanide

Freshwater Aquatic Life

For free cyanide (sum of cyanide present as HCN and CN^-, expressed as CN) the criterion to protect freshwater aquatic life as derived using the Guidelines is 3.5 μg/l as a 24-hour average and the concentration should not exceed 52 μg/l at any time.

Saltwater Aquatic Life

The available data for free cyanide (sum of cyanide present as HCN and CN^-, expressed as CN) indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 30 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. If the acute-chronic ratio for saltwater organisms is similar to that for freshwater organisms, chronic toxicity would occur at concentrations as low as 2.0 μg/l for the tested species and at lower concentrations among species that are more sensitive than those tested.

Human Health

The ambient water quality criterion for cyanide is recommended to be identical to the existing drinking water standard which is 200 μg/l. Analysis of the toxic effects data resulted in a calculated level which is protective of human health against the ingestion of contaminated water and contaminated aquatic organisms. The calculated value is comparable to the present standard. For this reason a selective criterion based on exposure solely from consumption of 6.5 grams of aquatic organisms was not derived.

DDT and Metabolites

Freshwater Aquatic Life

DDT

For DDT and its metabolites the criterion to protect freshwater aquatic life as derived using the Guidelines is 0.0010 μg/l as a 24-hour average and the concentration should not exceed 1.1 μg/l at any time.

TDE

The available data for TDE indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 0.8 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of TDE to sensitive freshwater aquatic life.

DDE

The available data for DDE indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 1,050 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of DDE to sensitive freshwater aquatic life.

Saltwater Aquatic Life

DDT

For DDT and its metabolites the criterion to protect saltwater aquatic life as derived using the Guidelines is 0.0010 μg/l as a 24-hour average and the concentration should not exceed 0.13 μg/l at any time.

TDE

The available data for TDE indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 3.6 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the

chronic toxicity of TDE to sensitive saltwater aquatic life.

DDE

The available data for DDE indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 14 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of DDE to sensitive saltwater aquatic life.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of DDT through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are .24 ng/l, .024 ng/l, and .0024 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are .24 ng/l, .024 ng/l, and .0024 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment of an "acceptable" risk level.

Dichlorobenzenes

Freshwater Aquatic Life

The available data for dichlorobenzenes indicate that acute and chronic toxicity to freshwater aquatic life occurs at concentrations as low as 1,120 and 763 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available data for dichlorobenzenes indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 1,970 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of dichlorobenzenes to sensitive saltwater aquatic life.

Human Health

For the protection of human health from the toxic properties of dichlorobenzenes (all isomers) ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 400 μg/l.

For the protection of human health from the toxic properties of dichlorobenzenes (all isomers) ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 2.6 mg/l.

Dichlorobenzidines

Freshwater Aquatic Life

The data base available for dichlorobenzidines and freshwater organisms is limited to one test on bioconcentration of 3,3'-dichlorobenzidine and no statement can be made concerning acute or chronic toxicity.

Saltwater Aquatic Life

No saltwater organisms have been tested with any dichlorobenzidine and no statement can be made concerning acute or chronic toxicity.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of dichlorobenzidine through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero base on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are .103 μg/l, .0103 μg/l, and .00103 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are .204 μg/l, .0204 μg/l, and .00204 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Dichloroethylenes

Freshwater Aquatic Life

The available data for dichloroethylenes indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 11,600 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No definitive data are available concerning the chronic toxicity of dichlorethylenes to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for dichlorethylenes indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 224,080 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity dichloroethylenes to sensitive saltwater aquatic life.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of 1,1-dichloroethylene through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are .33 μg/l, .033 μg/l, and .0033 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 18.5 μg/l, 1.85 μg/l, and .185 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficency in the available data for 1,2-dichloroethylene.

2,4-Dichlorophenol

Freshwater Aquatic Life

The available data for 2,4-dichlorophenol indicate that acute and chronic toxicity to freshwater aquatic life occurs at concentrations as low as 2,020 and 365 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive that those tested. Mortality to early life stages of one species of fish occurs at concentrations as low as 70 μg/l.

Saltwater Aquatic Life

Only one test has been conducted with saltwater organisms on 2,4-dichlorophenol and no statement can be made concerning acute or chronic toxicity.

Human Health

For comparison purposes, two approaches were used to derive criterion levels for 2,4-dichlorophenol.

Based on available toxicity data, for the protection of public health, the derived level is 3.09 mg/l. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 0.3 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

Dichloropropanes/Dichloropropenes

Freshwater Aquatic Life

The available data for dichloropropanes indicate that acute and chronic toxicity to freshwater aquatic life occurs at concentrations as low as 23,000 and 5,700 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

The available data for dichloropropenes indicate that acute and chronic toxicity to freshwater aquatic life occurs at concentrations as low as 6,060 and 244 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available data for dichloropropanes indicate that acute and chronic toxicity to saltwater aquatic life occurs at concentrations as low as 10,300 and 3,040 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

The available data for dichloropropenes indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low a as 790 μg/l, and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of dichloropropenes to sensitive saltwater aquatic life.

Human Health

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for dichloropropanes.

For the protection of human health from the toxic properties of dichloropropenes ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 87 μg/l.

For the protection of human health from the toxic properties of dichloropropenes ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 14.1 mg/l.

2,4-Dimethylphenol

Freshwater Aquatic Life

The available data for 2,4-dimethylphenol indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 2,120 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of dimethylphenol to sensitive freshwater aquatic life.

Saltwater Aquatic Life

No saltwater organisms have been tested with 2,4-dimethylphenol and no statement can be made concerning acute and chronic toxicity.

Human Health

Sufficient data are not available for 2,4-dimethylphenol to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undersirable taste and odor quality of ambient water, the estimated level is 400 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

2,4-Dinitrotoluene

Freshwater Aquatic Life

The available data for 2,4-dinitrotoluene indicate that acute and chronic toxicity to freshwater aquatic life occurs at concentrations as low as 330 and 230 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available data for 2,4-dinitrotoluenes indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 590 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of 2,4-dinitrotoluenes to sensitive saltwater aquatic life but a decrease in algal cell numbers occurs at concentrations as low as 370 μg/l.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of 2,4-dinitrotoluene through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 1.1 μg/l, 0.11 μg/l, and 0.011 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 91 μg/l, 9.1 μg/l, and 0.91 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

1,2-Diphenylhydrazine

Freshwater Aquatic Life

The available data for 1,2-diphenylhydrazine indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 270 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of 1,2-diphenylhydrazine to sensitive freshwater aquatic life.

Saltwater Aquatic Life

No saltwater organisms have been tested with 1,2-diphenylhydrazine and no statement can be made concerning acute and chronic toxicity.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of 1,2-diphenylhydrazine through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 422 ng/l, 42 ng/l, and 4 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 5.8 μg/l, 0.56 μg/l, and 0.056 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not

represent an Agency judgment on an "acceptable" risk level.

Endosulfan

Freshwater Aquatic Life

For endosulfan the criterion to protect freshwater aquatic life as derived using the Guidelines is 0.056 μg/l as a 24-hour average and the concentration should not exceed 0.22 μg/l at any time.

Saltwater Aquatic Life

For endosulfan the criterion to protect saltwater aquatic life as derived using the Guidelines is 0.0087 μg/l as a 24-hour average and the concentration should not exceed 0.034 μg/l at any time.

Human Health

For the protection of human health from the toxic properties of endosulfan ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 74 μg/l.

For the protection of human health from the toxic properties of endosulfan ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 159 μg/l.

Endrin

Freshwater Aquatic Life

For endrin the criterion to protect freshwater aquatic life as derived using the Guidelines is 0.0023 μg/l as a 24-hour average and the concentration should not exceed 0.18 μg/l at any time.

Saltwater Aquatic Life

For endrin the criterion to protect saltwater aquatic life as derived using the Guidelines is 0.0023 μg/l as a 24-hour average and the concentration should not exceed 0.037 μg/l at any time.

Human Health

The ambient water quality criterion for endrin is recommended to be identical to the existing drinking water standard which is 1 μg/l. Analysis of the toxic effects data resulted in a calculated level which is protective of human health against the ingestion of contaminated water and contaminated aquatic organisms. The calculated value is comparable to the present standard. For this reason a selective criterion based on exposure solely from consumption of 6.5 grams of aquatic organisms was not derived.

Ethylbenzene

Freshwater Aquatic Life

The available data for ethylbenzene indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 32,000 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No definitive data are available concerning the chronic toxicity of ethylbenzene to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for ethylbenzene indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 430 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of ethylbenzene to sensitive saltwater aquatic life.

Human Health

For the protection of human health from the toxic properties of ethylbenzene ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 1.4 mg/l.

For the protection of human health from the toxic properties of ethylbenzene ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 3.28 mg/l.

Fluoranthene

Freshwater Aquatic Life

The available data for fluoranthene indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 3980 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of fluoranthene to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for fluoranthene indicate that acute and chronic toxicity to saltwater aquatic life occur at concentrations as low as 40 and 16 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Human Health

For the protection of human health from the toxic properties of fluoranthene ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 42 μg/l.

For the protection of human health from the toxic properties of fluoranthene ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 54 μg/l.

Haloethers

Freshwater Aquatic Life

The available data for haloethers indicate that acute and chronic toxicity to freshwater aquatic life occur at concentrations as low as 360 and 122 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

No saltwater organisms have been tested with any haloether and no statement can be made concerning acute or chronic toxicity.

Human Health

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for haloethers.

Halomethanes

Freshwater Aquatic Life

The available data for halomethanes indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 11,000 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of halomethanes to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for halomethanes indicate that acute and chronic toxicity to saltwater aquatic life occur at concentrations as low as 12,000 and 6,400 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested. A decrease in algal cell numbers occurs at concentrations as low as 11,500 μg/l.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of chloromethane, bromomethane, dichloromethane, bromodichloromethane, tribromomethane, dichlorodifluoromethane, trichlorofluoromethane, or combination of these chemicals through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result incremental increase of cancer risk, of the lifetimes are estimated at 10^{-5}, 10^{-6} and 10^{-7}. The corresponding criteria a

1.9 μg/l, 0.19 μg/l, and 0.019 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 157 μg/l, 15.7 μg/l, and 1.57 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Heptachlor

Freshwater Aquatic Life

For heptachlor the criterion to protect freshwater aquatic life as derived using the Guidelines is 0.0038 μg/l as a 24-hour average and the concentration should not exceed 0.52 μg/l at any time.

Saltwater Aquatic Life

For heptachlor the criterion to protect saltwater aquatic life as derived using the Guidelines is 0.0036 μg/l as a 24-hour average and the concentration should not exceed 0.053 μg/l at any time.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of heptachlor through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk, over the lifetimes are estimated at 10^{-6}, 10^{-6}, and 10^{-7}. The corresponding criteria are 2.78 ng/l, .28 ng/l, and .028 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 2.85 ng/l, .29 ng/l, and .029 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Hexachlorobutadiene

Freshwater Aquatic Life

The available data for hexachlorobutadiene indicate that acute and chronic toxicity to freshwater aquatic life occur at concentrations as low as 90 and 9.3 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available data for hexachlorobutadiene indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 32 μg/l and would occur at lower concentrations among species that are more sensitive that those tested. No data are available concerning the chronic toxicity of hexachlorobutadiene to sensitive saltwater aquatic life.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of hexachlorobutadiene through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk, over the lifetimes are estimated at 10^{-6}, 10^{-6}, and 10^{-7}. The corresponding criteria are 4.47 μg/l, 0.45 μg/l, and 0.045 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 500 μg/l, 50 μg/l, and 5 μg/l respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Hexachlorocyclohexane

Lindane

Freshwater Aquatic Life

For Lindane the criterion to protect freshwater aquatic life as derived using the Guidelines is 0.080 μg/l as a 24-hour average and the concentration should not exceed 2.0 μg/l at any time.

Saltwater Aquatic Life

For saltwater aquatic life the concentration of lindane should not exceed 0.16 μg/l at any time. No data are available concerning the chronic toxicity of lindane to sensitive saltwater aquatic life.

BHC

Freshwater Aquatic Life

The available data for a mixture of isomers of BHC indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 100 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of a mixture of isomers of BHC to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for a mixture of isomers of BHC indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 0.34 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of a mixture of isomers of BHC to sensitive saltwater aquatic life.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of alpha-HCH through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk, over the lifetimes are estimated at 10^{-6}, 10^{-6}, and 10^{-7}. The corresponding criteria are 92 ng/l, 9.2 ng/l, and .92 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 310 ng/l, 31.0 ng/l, and 3.1 ng/l respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

For the maximum protection of human health from the potential carcinogenic effects due to exposure of beta-HCH through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk, over the lifetimes are estimated at 10^{-6}, 10^{-6}, and 10^{-7}. The corresponding criteria are 163 ng/l, 16.3 ng/l, and 1.63 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 547 ng/l, 54.7 ng/l, and 5.47 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not

represent an Agency judgment on an "acceptable" risk level.

For the maximum protection of human health from the potential carcinogenic effects due to exposure of tech-HCH through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetimes are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 123 ng/l, 12.3 ng/l, and 1.23 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 414 ng/l, 41.4 ng/l, and 4.14 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

For the maximum protection of human health from the potential carcinogenic effects due to exposure of gamma-HCH through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentrations should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 186 ng/l, 18.6 ng/l, and 1.86 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 625 ng/l, 62.5 ng/l, 6.25 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for delta-HCH.

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for epsilon-HCH.

Hexachlorocyclopentadiene

Freshwater Aquatic Life

The available data for hexachlorocyclopentadiene indicate that acute and chronic toxicity to freshwater aquatic life occurs at concentrations as low as 7.0 and 5.2 µg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available data for hexachlorocyclopentadiene indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 7.0 µg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of hexachlorocyclopentadiene to sensitive saltwater aquatic life.

Human Health

For comparison purposes, two approaches were used to derive criterion levels for hexachlorocyclopentadiene. Based on available toxicity data, for the protection of public health, the derived level is 206 µg/l. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 1.0 µg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criterion have limitations and have no demonstrated relationship to potential adverse human health effects.

Isophorone

Freshwater Aquatic Life

The available data for isophorone indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 117,000 µg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of isophorone to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for isophorone indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 12,900 µg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of isophorone to sensitive saltwater aquatic life.

Human Health

For the protection of human health from the toxic properties of isophorone ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 5.2 mg/l.

For the protection of human health from the toxic properties of isophorone ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 520 mg/l.

Lead

Freshwater Aquatic Life

For total recoverable lead the criterion (in µg/l) to protect freshwater aquatic life as derived using the Guidelines is the numerical value given by $e^{(2.35[\ln(\text{hardness})]-9.48)}$ as a 24-hour average and the concentration (in µg/l) should not exceed the numerical value given by $e^{(1.22[\ln(\text{hardness})]-0.47)}$ at any time. For example, at hardnesses of 50, 100, and 200 mg/l as $CaCO_3$ the criteria are 0.75, 3.8, and 20 µg/l, respectively, as 24-hour averages, and the concentrations should not exceed 74, 170, and 400 µg/l, respectively, at any time.

Saltwater Aquatic Life

The available data for total recoverable lead indicate that acute and chronic toxicity to saltwater aquatic life occur at concentrations as low as 668 and 25 µg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Human Health

The ambient water quality criterion for lead is recommended to be identical to the existing drinking water standard which is 50 µg/l. Analysis of the toxic effects data resulted in a calculated level which is protective to human health against the ingestion of contaminated water and contaminated aquatic organisms. The calculated value is comparable to the present standard. For this reason a selective criterion based on exposure solely from consumption of 6.5 grams of aquatic organisms was not derived.

Mercury

Freshwater Aquatic Life

For total recoverable mercury the criterion to protect freshwater aquatic life as derived using the Guidelines is 0.00057 µg/l as a 24-hour average and the concentration should not exceed 0.0017 µg/l at any time.

Saltwater Aquatic Life

For total recoverable mercury the criterion to protect saltwater aquatic life as derived using the Guidelines is 0.025 µg/l as a 24-hour average and the concentration should not exceed 3.7 µg/l at any time.

Human Health

For the protection of human health from the toxic properties of mercury

ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 144 ng/l.

For the protection of human health from the toxic properties of mercury ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 146 ng/l.

Note.—These values include the consumption of freshwater, estuarine, and marine species.

Naphthalene

Freshwater Aquatic Life

The available data to naphthalene indicate that acute and chronic toxicity to freshwater aquatic life occur at concentrations as low as 2,300 and 620 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available data for naphthalene indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 2,350 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of naphthalene to sensitive saltwater aquatic life.

Human Health

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for naphthalene.

Nickel

Freshwater Aquatic Life

For total recoverable nickel the criterion (in μg/l) to protect freshwater aquatic life as derived using the Guidelines is the numerical value given by e(0.76 [ln (hardness)] +1.06) as a 24-hour average and the concentration (in μg/l) should not exceed the numerical value given by e(0.76[ln (hardness)] + 4.02) at any time. For example, at hardnesses of 50, 100, and 200 mg/l as $CaCO_3$ the criteria are 56, 96, and 160 μg/l, respectively, as 24-hour averages, and the concentrations should not exceed 1,100, 1,800, and 3,100 μg/l, respectively, at any time.

Saltwater Aquatic Life

For total recoverable nickel the criterion to protect saltwater aquatic life as derived using the Guidelines is 7.1 μg/l as a 24-hour average and the concentration should not exceed 140 μg/l at any time.

Human Health

For the protection of human health from the toxic properties of nickel ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 13.4 μg/l.

For the protection of human health from the toxic properties of nickel ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 100 μg/l.

Nitrobenzene

Freshwater Aquatic Life

The available data for nitrobenzene indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 27,000 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No definitive data are available concerning the chronic toxicity of nitrobenzene to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for nitrobenzene indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 6,680 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of nitrobenzene to sensitive saltwater aquatic life.

Human Health

For comparison purposes, two approaches were used to derive criterion levels for nitrobenzene. Based on available toxicity data, for the protection of public health, the derived level is 19.8 mg/l. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 30 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have no demonstrated relationship to potential adverse human health effects.

Nitrophenols

Freshwater Aquatic Life

The available data for nitrophenols indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 230 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of nitrophenols to sensitive freshwater aquatic life but toxicity to one species of algae occurs at concentrations as low as 150 μg/l.

Saltwater Aquatic Life

The available data for nitrophenols indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 4,850 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of nitrophenols to sensitive saltwater aquatic life.

Human Health

For the protection of human health from the toxic properties of 2,4-dinitro-o-cresol ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 13.4 μg/l.

For the protection of human health from the toxic properties of 2,4-dinitro-o-cresol ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 765 μg/l.

For the protection of human health from the toxic properties of dinitrophenol ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 70 μg/l.

For the protection of human health from the toxic properties of dinitrophenol ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 14.3 mg/l.

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for mononitrophenol.

Using the present guidelines, a satisfactory criterion cannot be derived at this time due to the insufficiency in the available data for tri-nitrophenol.

Nitrosamines

Freshwater Aquatic Life

The available data for nitrosamines indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 5,850 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of nitrosamines to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for nitrosamines indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 3,300,000 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of nitrosamines to sensitive saltwater aquatic life.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of n-nitrosodimethylamine through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk, over the lifetimes are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 14 ng/l, 1.4 ng/l, and .14 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 160,000 ng/l, 16,000 ng/l, and 1,600 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

For the maximum protection of human health from the potential carcinogenic effects due to exposure of n-nitrosodiethylamine through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk, over the lifetimes are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 8 ng/l, 0.8 ng/l, and 0.08 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 12,400 ng/l, 1,240 ng/l, and 124 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

For the maximum protection of human health from the potential carcinogenic effects due to exposure in n-nitrosodi-n-butylamine through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk, over the lifetimes are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 64 ng/l 6.4 ng/l and .064 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 5,868 ng/l, 587 ng/l, and 58.7 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

For the maximum protection of human health from the potential carcinogenic effects due to exposure in n-nitrosodiphenylamine through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk, over the lifetimes are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 49,000 ng/l 4,900 ng/l and 490 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 161,000 ng/l, 16,100 ng/l, and 1,610 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

For the maximum protection of human health from the potential carcinogenic effects due to exposure in n-nitrosopyrrolidine through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk, over the lifetimes are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 160 ng/l 16.0 ng/l and 1.60 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 919,000 ng/l, 91,900 ng/l, and 9,190 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Pentachlorophenol

Freshwater Aquatic Life

The available data for pentachlorophenol indicate that acute and chronic toxicity to freshwater aquatic life occur at concentrations as low as 55 and 3.2 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available data for pentachlorophenol indicate that acute and chronic toxicity to saltwater aquatic life occur at concentrations as low as 53 and 34 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Human Health

For comparisón purposes, two approaches were used to derive criterion levels for pentachlorophenol. Based on available toxicity data, for the protection of public health, the derived level is 1.01 mg/l. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 30 μg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criterion have limitations and have no demonstrated relationship to potential adverse human health effects.

Phenol

Freshwater Aquatic Life

The available data for phenol indicate that acute and chronic toxicity to freshwater aquatic life occur at concentrations as low as 10,200 and 2,560 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available data for phenol indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 5,800 ug/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of phenol to sensitive saltwater aquatic life.

Human Health

For comparison purposes, two approaches were used to derive criterion levels for phenol. Based on available toxicity data, for the protection of public health, the derived level is 3.5 mg/l. Using available organoleptic data, for controlling

undesirable taste and odor quality of ambient water, the estimated level is 0.3 mg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criterion have limitations and have no demonstrated relationship to potential adverse human health effects.

Phthalate Esters

Freshwater Aquatic Life

The available data for phthalate esters indicate that acute and chronic toxicity to freshwater aquatic life occur at concentrations as low as 940 and 3 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available data for phthalate esters indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 2944 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of phthalate esters to sensitive saltwater aquatic life but toxicity to one species of algae occurs at concentrations as low as 3.4 μg/l.

Human Health

For the protection of human health from the toxic properties of dimethylphthalate ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 313 mg/l.

For the protection of human health from the toxic properties of dimethylphthalate ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 2.9 g/l.

For the protection of human health from the toxic properties of diethylphthalate ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 350 mg/l.

For the protection of human health from the toxic properties of diethylphthalate ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 1.8 g/l.

For the protection of human health from the toxic properties of dibutylphthalate ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 34 mg/l.

For the protection of human health from the toxic properties of dibutylphthalate ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 154 mg/l.

For the protection of human health from the toxic properties of di-2-ethylhexyl-phthalate ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 15 mg/l.

For the protection of human health from the toxic properties of di-2-ethylhexyl-phthalate ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 50 mg/l.

Polychlorinated Biphenyls

Freshwater Aquatic Life

For polychlorinated biphenyls the criterion to protect freshwater aquatic life as derived using the Guidelines is 0.014 μg/l as a 24-hour average. The available data indicate that acute toxicity to freshwater aquatic life probably will only occur at concentrations above 2.0 μg/l and that the 24-hour average should provide adequate protection against acute toxicity.

Saltwater Aquatic Life

For polychlorinated biphenyls the criterion to protect saltwater aquatic life as derived using the Guidelines is 0.030 μg/l as a 24-hour average. The available data indicate that acute toxicity to saltwater aquatic life probably will only occur at concentrations above 10 μg/l and that the 24-hour average should provide adequate protection against acute toxicity.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of PCBs through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are .79 ng/l, 0.79 ng/l, and .0079 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are .79 ng/l, .079 ng/l, and .0079 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Polynuclear Aromatic Hydrocarbons (PAHs)

Freshwater Aquatic Life

The limited freshwater data base available for polynuclear aromatic hydrocarbons, mostly from short-term bioconcentration studies with two compounds, does not permit a statement concerning acute or chronic toxicity.

Saltwater Aquatic Life

The available data for polynuclear aromatic hydrocarbons indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 300 ug/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of polynuclear aromatic hydrocarbons to sensitive saltwater aquatic life.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of PAHs through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 28 ng/l, 2.8 ng/l, and .28 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 311 ng/l, 31.1 ng/l, and 3.11 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Selenium

Freshwater Aquatic Life

For total recoverable inorganic selenite the criterion to protect freshwater aquatic life as derived using the Guidelines is 35 μg/l as a 24-hour average and the concentration should not exceed 260 μg/l at any time.

The available data for inorganic selenate indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 760 μg/l and would occur at lower concentrations among species that are more sensitive

than those tested. No data are available concerning the chronic toxicity of inorganic selenate to sensitive freshwater aquatic life.

Saltwater Aquatic Life

For total recoverable inorganic selenite the criterion to protect saltwater aquatic life as derived using the Guidelines is 54 μg/l as a 24-hour average and the concentration should not exceed 410 μg/l at any time.

No data are available concerning the toxicity of inorganic selenate to saltwater aquatic life.

Human Health

The ambient water quality criterion for selenium is recommended to be identical to the existing drinking water standard which is 10 μg/l. Analysis of the toxic effects data resulted in a calculated level which is protective of human health against the ingestion of contaminated water and contaminated aquatic organisms. The calculated value is comparable to the present standard. For this reason a selective criterion based on exposure solely from consumption of 6.5 grams of aquatic organisms was not derived.

Silver

Freshwater Aquatic Life

For freshwater aquatic life the concentration (in μg/l) of total recoverable silver should not exceed the numerical value given by "e[1.72(ln (hardness)-6.52)]" at any time. For example, at hardnesses of 50, 100, 200 mg/l as $CaCO_3$ the concentration of total recoverable silver should not exceed 1.2, 4.1, and 13 μg/l, respectively, at any time. The available data indicate that chronic toxicity to freshwater aquatic life may occur at concentrations as low as 0.12 μg/l.

Saltwater Aquatic Life

For saltwater aquatic life the concentration of total recoverable silver should not exceed 2.3 μg/l at any time. No data are available concerning the chronic toxicity of silver to sensitive saltwater aquatic life.

Human Health

The ambient water quality criterion for silver is recommended to be identical to the existing drinking water standard which is 50 μg/l. Analysis of the toxic effects data resulted in a calculated level which is protective of human health against the ingestion of contaminated water and contaminated aquatic organisms. The calculated value is comparable to the present standard. For this reason a selective criterion based on exposure solely from consumption of 6.5 grams of aquatic organisms was not derived.

Tetrachloroethylene

Freshwater Aquatic Life

The available data for tetrachloroethylene indicate that acute and chronic toxicity to freshwater aquatic life occur at concentrations as low as 5,280 and 840 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Saltwater Aquatic Life

The available data for tetrachloroethylene indicate that acute and chronic toxicity to saltwater aquatic life occur at concentrations low as 10,200 and 450 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of tetrachloroethylene through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 8 μg/l, .8 μg/l, and .08 μg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 88.5 μg/l, 8.85 μg/l, and .88 μg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Thallium

Freshwater Aquatic Life

The available data for thallium indicate that acute and chronic toxicity to freshwater aquatic life occur at concentrations as low as 1,400 and 40 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested. Toxicity to one species of fish occurs at concentrations as low as 20 μg/l after 2,600 hours of exposure.

Saltwater Aquatic Life

The available data for thallium indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 2,130 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of thallium to sensitive saltwater aquatic life.

Human Health

For the protection of human health from the toxic properties of thallium ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 13 μg/l.

For the protection of human health from the toxic properties of thallium ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 48 μg/l.

Toluene

Freshwater Aquatic Life

The available data for toluene indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 17,500 μg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of toluene to sensitive freshwater aquatic life.

Saltwater Aquatic Life

The available data for toluene indicate that acute and chronic toxicity to saltwater aquatic life occur at concentrations as low as 6,300 and 5,000 μg/l, respectively, and would occur at lower concentrations among species that are more sensitive than those tested.

Human Health

For the protection of human health from the toxic properties of toluene ingested through water and contaminated aquatic organisms, the ambient water criterion is determined to be 14.3 mg/l.

For the protection of human health from the toxic properties of toluene ingested through contaminated aquatic organisms alone, the ambient water criterion is determined to be 424 mg/l.

Toxaphene

Freshwater Aquatic Life

For toxaphene the criterion to protect freshwater aquatic life as derived using the Guidelines is 0.013 μg/l as a 24-hour average and the concentration should not exceed 1.6 μg/l at any time.

Saltwater Aquatic Life

For saltwater aquatic life the concentration of toxaphene should not exceed 0.070 μg/l at any time. No data

are available concerning the chronic toxicity of toxaphene to sensitive saltwater aquatic life.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of toxaphene through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 7.1 ng/l, .71 ng/l, and .07 ng/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 7.3 ng/l, .73 ng/l, and .07 ng/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Trichloroethylene

Freshwater Aquatic Life

The available data for trichloroethylene indicate that acute toxicity to freshwater aquatic life occurs at concentrations as low as 45,000 µg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of trichloroethylene to sensitive freshwater aquatic life but adverse behavioral effects occurs to one species at concentrations as low as 21,900 µg/l.

Saltwater Aquatic Life

The available data for trichloroethylene indicate that acute toxicity to saltwater aquatic life occurs at concentrations as low as 2,000 µg/l and would occur at lower concentrations among species that are more sensitive than those tested. No data are available concerning the chronic toxicity of trichloroethylene to sensitive saltwater aquatic life.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of trichloroethylene through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 27 µg/l, 2.7 µg/l, and .27 µg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 807 µg/l, 80.7 µg/l, and 8.07 µg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Vinyl Chloride

Freshwater Aquatic Life

No freshwater organisms have been tested with vinyl chloride and no statement can be made concerning acute or chronic toxicity.

Saltwater Aquatic Life

No saltwater organisms have been tested with vinyl chloride and no statement can be made concerning acute or chronic toxicity.

Human Health

For the maximum protection of human health from the potential carcinogenic effects due to exposure of vinyl chloride through ingestion of contaminated water and contaminated aquatic organisms, the ambient water concentration should be zero based on the non-threshold assumption for this chemical. However, zero level may not be attainable at the present time. Therefore, the levels which may result in incremental increase of cancer risk over the lifetime are estimated at 10^{-5}, 10^{-6}, and 10^{-7}. The corresponding criteria are 20 µg/l, 2.0 µg/l, and .2 µg/l, respectively. If the above estimates are made for consumption of aquatic organisms only, excluding consumption of water, the levels are 5,246 µg/l, 525 µg/l, and 52.5 µg/l, respectively. Other concentrations representing different risk levels may be calculated by use of the Guidelines. The risk estimate range is presented for information purposes and does not represent an Agency judgment on an "acceptable" risk level.

Zinc

Freshwater Aquatic Life

For total recoverable zinc the criterion to protect freshwater aquatic life as derived using the Guidelines is 47 µg/l as a 24-hour average and the concentration (in µg/l) should not exceed the numerical value given by $e^{(0.83[\ln(\text{hardness})]+1.95)}$ at any time. For example, at hardnesses of 50, 100, and 200 mg/l as $CaCO_3$ the concentration of total recoverable zinc should not exceed 180, 320, and 570 µg/l at any time.

Saltwater Aquatic Life

For total recoverable zinc the criterion to protect saltwater aquatic life as derived using the Guidelines is 58 µg/l as a 24-hour average and the concentration should not exceed 170 µg/l at any time.

Human Health

Sufficient data is not available for zinc to derive a level which would protect against the potential toxicity of this compound. Using available organoleptic data, for controlling undesirable taste and odor quality of ambient water, the estimated level is 5 mg/l. It should be recognized that organoleptic data as a basis for establishing a water quality criteria have limitations and have not demonstrated relationship to potential adverse human health effects.

Appendix B—Guidelines for Deriving Water Quality Criteria for the Protection of Aquatic Life and Its Uses

Introduction

This version of the Guidelines provides clarifications, additional details, and technical and editorial changes in the last version published in the Federal Register [44 FR 15970 (March 15, 1979)]. This version incorporates changes resulting from comments on previous versions and from experience gained during U.S. EPA's use of the previous versions. Future versions of the Guidelines will incorporate new ideas and data as their usefulness is demonstrated.

Criteria may be expressed in several forms. The numerical form is commonly used, but descriptive and procedural forms can be used if numerical criteria are not possible or desirable. The purpose of these Guidelines is to describe an objective, internally consistent and appropriate way of deriving numerical water quality criteria for the protection of the uses of, as well as the presence of, aquatic organisms.

A numerical criterion might be thought of as an estimate of the highest concentration of a substance in water which does not present a significant risk to the aquatic organisms in the water and their uses. Thus the Guidelines are intended to derive criteria which will protect aquatic communities by protecting most of the species and their uses most of the time, but not

SUMMARY

SNARLS

Assumptions:

1. Looking at sensitive population.
2. Using a child weighing 10 kg. who drinks one liter of water per day.
3. Considering only toxic effects.

Compound	Length of Exposure				
	1 day	7 days	10 days	1 month	life-time
trichloroethylene	2 mg/l		200 ug/l		75 ug/l
tetrachloroethylene	2.3 mg/l		180 ug/l		40 ug/l
1,1,1-trichloroethane					1 mg/l
benzene		350 ug/l			
polynuclear aromatic hydrocarbons		25 ug/l			

Cancer Risks

Assumptions:

1. There is some risk at any level of exposure, and the risk increases as lifetime exposure increases.
2. Using 70 kg. adult living 70 years who drinks two liters of water per day.

Compound	Excess Risk			
	One in 10^{-6}	One in 10^{-5}	Two in 10^{-5}	Six in 10^{-6}
trichloroethylene	4.5 ug/l	45 ug/l	75 ug/l	
tetrachloroethylene	3.5 ug/l	35 ug/l		20 ug/l

Draft SNARLS (not to be released)

Assumptions:

1. Looking at sensitive population.
2. Using a child weighing 10 kg. who drinks one liter of water per day.
3. Considering only toxic effects.

Compound	Length of Exposure				
	1 day	7 days	10 days	1 month	life-time
methylene chloride	13 mg/l		1.3-1.5 mg/l		150 ug/l
carbon tetrachloride	200 ug/l		20 ug/l		
toluene			1 mg/l		
methyl ethyl ketone			1 mg/l		
acrylonitrile			35 ug/l	3 ug/l	
polychlorinated biphenyls				1 ug/l	0.3 ug/l
dibromochloropropane					0.05 ug/l
1,4-dioxan			20 ug/l		
xylenes	12 mg/l		1.4 mg/l		620 ug/l
chlordane	63 ug/l		63 ug/l		8 ug/l
1,1 Dichloroethylene	1.0 mg/l				70 ug/l
Trans-1,2 Dichloroethylene	2.7 mg/l		0.27 mg/l		
Cis-1,2 Dichloroethylene	4.0 mg/l		0.40 mg/l		
Ethylene Glycol	19 mg/l				5.5 mg/l

SNARL For Trichloroethylene

Health Effects Branch, Criteria and Standards Division
Office of Drinking Water
U.S. Environmental Protection Agency
Washington, D.C. 20460

The Office of Drinking Water has reviewed the current literature on the health effects of trichloroethylene. Both data from animal tests and some studies from high level exposure in humans were used as basis for extrapolating to levels in drinking water that would result in negligible risks to the general human population. When considering toxicity that does not include the risk of cancer, we generally use a child weighing 10 kg (22 pounds) and drinking one liter of water per day as the basis for calculations of short exposure (acute) toxicity and longer exposure (chronic) toxicity. These levels are derived using safety factors from classical toxicology and a logic similar to that used by the National Academy of Sciences in "Drinking Water and Health." When considering the possible cancer risk, where it is assumed that there is some risk at any level of exposure, and that the risk increases as the lifetime exposure increases, we use the 70 kg (154 pounds) adult living 70 years who drinks two liters of water as the base, and calculate the excess cancer risk above the normal background according to a mathematical model developed by the National Academy of Sciences in "Drinking Water and Health," and based on animal tests conducted by the National Cancer Institute.

The drinking water levels that we have calculated providing a margin of safety from likely toxic effects in humans (assuming that 100% of the exposure is from drinking water) were related to the length of time that water is being consumed, and range from short-term emergency levels to long-term chronic exposure. We have separately computed the potential additional cancer risk.

The computed drinking water guidance levels for effects excluding cancer risks are as follows:

Time	Concentration
1 day	2 mg/l
10 days	0.2 mg/l (200 ug/l)
Chronic (long-term)	75 ug/l

The computed excess lifetime cancer risks from the NAS model at various exposures assuming the 70 kg adult drinking two liters of water per day for 70 years at the indicated concentration are as follows:

Concentration	Excess Risk
4.5 ug/l	one in 1,000,000
45 ug/l	one in 100,000
75 ug/l	approximately two in 100,000

The development of a SNARL for trichloroethylene does not condone its presence in drinking water, but rather provides useful information to guide control priorities in cases where it is found as a contaminant. Human exposure to contaminants in drinking water such as trichloroethylene should be reduced to the extent feasible, to avoid the unnecessary risks from their presence as adulterants. The applicable treatment technologies include aeration and granular activated carbon.

STATE OF NEW HAMPSHIRE

WATER SUPPLY AND POLLUTION CONTROL COMMISSION

DRINKING WATER REGULATIONS

Concord, N. H.

1983

PART We 302 PRIMARY AND SECONDARY STANDARDS

Statutory Authority RSA 148-B:I

We 302.01 Applicability. These rules shall be applicable to any "public water system" as defined in RSA 148 B:1, IX.

(b) The commission may waive any portion of these regulations upon the submission of appropriate data and after careful evaluation.

Source. #2244, eff 12-31-82; amd by #2317, eff 3-10-83

We 302.02 Contaminant Levels for Inorganic Chemicals. The following are the maximum contaminant levels for inorganic chemicals other than fluoride:

	Contaminant	Level, Milligrams Per Liter
a)	Arsenic	0.05
b)	Barium	1.
c)	Cadmium	0.010
d)	Chromium	0.05
e)	Lead	0.05
f)	Mercury	0.002
g)	Nitrate (as N)	10.
h)	Selenium	0.01
i)	Silver	0.05

Sound as rel.

Source. #2244, eff 12-31-82

We 302.03 Contaminant Levels for Fluoride. The maximum contaminant level for fluoride is 2.4 mgl.

Source. #2244, eff 12-31-82

We 302.04 Contaminant Levels for Organic Chemicals. The following substances in (a) and (b) below are the contaminant levels for all community systems. The following are the contaminant levels for organic chemicals:

	Contaminant	Level, Milligrams Per Liter
(a)	Chlorinated hydrocarbons:	
	(1) Endrin, (1,2,3,4,10, 10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo, endo-5,8 - dimethano naphthalene).	0.0002
	(2) Lindane (1,2,3,4,5,6-hexachlorocyclohexane, gamma isomer).	0.004
	(3) Methoxychlor (1,1,1-Trichloro-2, 2 - bis [p-methoxphenyl] ethane).	0.1
	(4) Toxephene ($C_{10}H_{10}Cl_8$- Technical chlorinated camphere, 67-69 percent chlorine).	0.005
(b)	Chlorophenoxys:	
	(1) 2,4-D, (2,4-Dichlorophenoxyacetic acid).	0.1
	(2) 2,4,5-TP Silvex (2,4,5-Trichlorophenoxypropionic acid).	0.01

(c) Total Trihalomethanes. The maximum contaminant level for total trihalomethanes applies only to community water systems which serve a population of 10,000 or more individuals and which add a disinfectant (oxidant) to the water in any part of the drinking water treatment process. Compliance with the maximum contaminant level for total trihalomethanes is calculated pursuant to section We 303.03(f).

Contaminant	Levels
(The sum of the concentrations of bromodichloromethane, dibromochloromethane, tribromomethane [bromoform] and trichloromethane [chloroform]).	0.10 mg/L

Source. #2244, eff 12-31-82

We 302.05 Contaminant Levels for Turbidity. The maximum levels for turbidity, measured at representative entry points to the system are:

(a) One turbidity unit (TU), as determined by a monthly average, and

(b) Five turbidity units based on an average for 2 consecutive days.

Source. #2244, eff 12-31-82

We 302.06 Contaminant Levels for Microbiological. The maximum contaminant levels for coliform bacteria shall not exceed the following:

(a) The number of coliform bacteria shall not exceed the following:

(1) One per 100 milliliters as the arithmetic mean of all samples examined per month.

(2) Four per 100 milliliters in more than one sample when less than 20 are examined per month, or

(3) Four per 100 milliliters in more than 5 percent of the samples when 20 or more are examined per month.

(b) For systems that are required to sample at a rate of less than 4 per month, compliance with (a) above shall be based on sampling during a 3 month period if approved by the commission.

Source. #2244, eff 12-31-82

We 302.07 Contaminant Levels for Radionuclides.

(a) Radium - 226, radium - 228, and gross alpha particle radioactivity. The maximum contaminant levels for radium-226, radium-228 and gross alpha particle radioactivity are:

(1) combined radium-226 and radium-228 ..... 5 pCi/l.

(2) Gross alpha particle activity including radium-226 but excluding radon and uranium ..... 15 pCi/l.

a. A gross alpha particle activity measurement may be substituted for the required radium-226 and radium-228 analysis. Provided that the measured gross alpha particle does not exceed 5 pCi/l at a confidence of 95 percent (1.65 where 0 is the standard deviation of the net counting rate of the sample). In localities where radium-228 may be present in drinking water, the commission may require radium-226 and/or radium-228 analyses when the gross alpha particle activity exceeds 2 pCi/l.

b. When the gross alpha particle activity exceeds 5 pCi/l, the same or an equivalent sample shall be analyzed for radium-226. If the concentration of radium-226 exceeds 3 pCi/l the same or equivalent sample shall be analyzed for radium 228

(b) Beta Particle and Photon Radioactivity From Man-Made Radionuclides.

(1) The average annual concentration of beta particle and photon radioactivity from man-made radionuclides in drinking water shall not produce an annual dose equivalent to the total body or any internal organ greater than 4 millirem/year.

a. Except for the radionuclides listed in Table A, the concentration of man-made radionuclides causing 4 mrem total body or organ dose equivalents shall be calculated on the basis of a 2 liter per day drinking water intake using the 168 hour data listed in "Maximum Permissible Body Burdens and Maximum Permissible Concentration of Radionuclides in Air or Water for Occupational Exposure." NBS Handbook 69 as amended August, 1963, U.S. Dept. of Commerce. If two or more radionuclides are present, the sum of their annual dose equivalent to the total body or to any organ shall not exceed 4 millirem/year.

b. Average annual concentrations assumed to produce a total body or organ dose of 4 mrem/yr.

Radionuclide	Critical organ	pCi per liter
Tritium	Total body	20,000
Strontium-90	Bone marrow	8

We 302.08 Other Primary Contaminants. Public water supplies shall not contain any substances in a concentration which the commission determines may be harmful to health. Such substances include, but are not limited to those substances for which the SNARLS (Suggested No Adverse Response Level) as listed by EPA have been established and also include the prohibition of the presence of gasoline and other hydrocarbons.

(a) SNARLS - Toxic Contaminant Level.

(1) Assumptions:

a. Looking at sensitive population.

b. Using a child weighing 10 kg. who drinks one liter of water per day.

c. Considering only toxic effects.

(2) Contaminant Level

COMPOUND	LENGTH OF EXPOSURE				
	1 Day	7 Days	10 Days	1 Month	Lifetime
trichloroethylene	2 mg/l		200 ug/l		75 ug/l
tetrachloroethylene	2.3 mg/l		180 ug/l		40 ug/l
1,1,1-trichloroethane					1 mg/l
benzene		350 ug/l			
polynuclear aromatic hydrocarbons		25 ug/l			
methylene chloride	13 mg/l		1.3-1.5 mg/l		150 ug/l
carbon tetrachloride	200 ug/l		20 ug/l		
toluene			1 mg/l		
methyl ethyl ketone			1 mg/l		
acrylonitrile			35 ug/l	3 ug/l	
polychlorinated hyphenyls				1 ug/l	0.3 ug/l
dibromochloropropane					0.05 ug/l
1,4-dioxane			20 ug/l		
xylenes	12 mg/l		1.4 mg/l		620 ug/l
chlordane	63 ug/l		63 ug/l		8 ug/l
1,1 Dichloroethylene	1.0 mg/l				70 ug/l
Trans-1,2 Dichloroethylene	2.7 mg/l		0.27 mg/l		
Cis-1,2 Dichloroethylene	4.0 mg/l		0.40 mg/l		
Ethylene Glycol	19 mg/l				5.5 mg/l

(b) SNARLS - Cancer Risks Contaminant Level.

(1) Assumptions:

a. *There is some risk at any level of exposure, and the risk increases as lifetime exposure increases.*

b. Using a 70 kg. adult living 70 years who drinks two liters of water per day.

(2) Contaminant Level

COMPOUND	LENGTH OF EXPOSURE			
	One in 10-6	One in 10-5	Two in 10-5	Six in 10-6
trichloroethylene	4.5 ug/l	45 ug/l	75 ug/l	
tetrachloroethylene	3.5 ug/l	35 ug/l		20 ug/l

Source. #2244, eff 12-31-82

We 307.09 Sodium. The commission shall determine the sodium level.

Source. #2244, eff 12-31-82

We 307.10 Maximum Contaminant Level - Secondary

(a) The Safe Drinking Water Act secondary maximum contaminant levels for public water systems are as follows:

	Contaminant	Level
(1)	chloride	250 mg/L
(2)	color	15 color units
(3)	copper	1 mg/L
(4)	corrosivity	noncorrosive
(5)	foaming agents	0.5 mg/L
(6)	iron	0.3 mg/L
(7)	manganese	0.05 mg/L
(8)	odor	3 threshold odor number
(9)	pH	6.5 - 8.5
(10)	sulfate	250 mg/L
(11)	total dissolved solids (TDS)	500 mg/L
(12)	zinc	5 mg/l

(b) A secondary maximum contaminant level may be waived for cause to include: cost of treatment, non availability of alternate source, lack of manifestation of the aesthetic problem.

Source. #2244, eff 12-31-82

We 307.11 Maximum Contaminant Level - Other Characteristics

(a) Contaminant	Level
Carbon chloroform extract (cce)	.2 mg/l
Cyanide (Cn)	.01 mg/l
Phenols	.001 mg/l
Sodium (Na)	20 - 250 mg/L

Source. #2317, eff 3-10-83

PART We 303 SAMPLING AND TESTING

Statutory Authority RSA 148:8

We 303.01 General.

(a) The commission has the authority to determine compliance or initiate enforcement action based upon analytical results or other information compiled by their sanctioned representatives and agencies.

(b) In order that the commission may competently perform its duties to investigate the sanitary conditions and methods pertaining to public water supplies, it shall be the direct responsibility of the individual local health officer, water works superintendent, or another water company official, whichever may be designated by the commission, to collect and submit for analysis such samples from the supply as are directed by the commission.

Source. #2744, eff 12-31-82

We 303.02 Primary Inorganic Contaminants. Each community public water system shall be analyzed for the presence of primary inorganic contaminants listed in We 302.02. Each non-community system shall be analyzed for the presence of nitrates.

(a) Frequency.

(1) Each community system utilizing a surface water water source shall be analyzed at least once a year and each community system utilizing a groundwater source shall be analyzed at least once every 3 years. The sampling schedule shall be established by the commission.

(2) Each non-community system shall be analyzed once and thereafter at frequencies determined by the commission.

(b) Shipping Procedure. The certified system operator or his designee is responsible for the submitting all required samples; where possible staff personnel of the commission may assist the operator.

(c) Check Samples. If the maximum contaminant level of any of the primary inorganic contaminants is exceeded, the supplier of water shall be notified by the commission and 3 additional samples shall be required to be analyzed within one month. If necessary, commission personnel shall collect the check samples. However, if pre-treatment of the collection bottle is not required for the contaminant in question, containers will be shipped to the supplier of water within the specified time.

(d) Public Notification.

(1) When the average of the 4 samples collected and analyzed pursuant to this section exceeds the maximum contaminant level (MCL) specified in section We 302.02, the supplier of water shall notify the public in accordance with part We 305.

(2) The commission may require monitoring by additional check samples at a collection frequency determined by the commission. Such monitoring shall continue until two successive check samples indicate that the MCL has not been exceeded, or until a monitoring schedule, as a condition to a variance, exemption or enforcement action, shall become effective.

(e) Nitrates. Compliance with the maximum contaminant level for nitrate shall be determined on the basis of the mean of two analyses. When a level exceeding the maximum contaminant level for nitrate is found, a second analysis shall be initiated within 24 hours, and if the mean of the two analyses exceeds the maximum contaminant level, the supplier of water shall notify the public in accordance with part We 305. Each non-community system shall be analyzed for the presence of nitrate by December 24, 1980.

(f) Acceptable analytical methods for the inorganic laboratory work.

[1] Arsenic—Method '208.2. Atomic Absorption Furnace Technique; or Method '208.3, or Method 'D2972-78A, or Method '301.A VII, pp. 153-162, or Method 'I-1062-78, pp. 81-83, Atomic Absorption—Gaseous Hydride; or Method '209.4, or Method 'D-2972-78A, or Method '404-A and 404-B[4].

Spectrophotometric, Silver Diethyldithiocarbamate.

[2] Barium—Method '208.1, or Method '301-A IV, pp. 152-155, Atomic Absorption—Direct Aspiration; or *Method '208.2, Atomic Absorption* Furnace Technique.

[3] Cadmium—Method '213.1, or Method '3557-78A or B, or Method '301-A II or III, pp. 148-152, Atomic Absorption—*Direct Aspiration*; or Method '213.2, Atomic Absorption Furnace Technique.

[4] Chromium—Method '218.1, or Method 'D-1687-77D, or Method '301-A II or III, pp. 148-152, Atomic Absorption—Direct Aspiration; or *Chromium*—Method '218.2, Atomic Absorption Furnace Technique.

[5] Lead—Method '239.1, or Method 'D-3559-78A or B, or Method '301-A II or III, pp. 148-152, Atomic Absorption—Direct Aspiration; or Method '239.2, Atomic Absorption Furnace Technique.

[6] Mercury—Method '245.1, or Method 'D-3223-79, or Method '301-A VI, pp. 156-159, Manual Cold Vapor Technique; or Method '245.2, Automated Cold Vapor Technique.

[7] Nitrate—Method '352.1, or Method 'D-992-71, or Method '419-D, pp. 427-428, Colorimetric Brucine; or Method '353.3, or Method 'D-3867-79B, or Method '419-C, pp. 423-427, Spectrometric, Cadmium Reduction; Method '353.1, Automated Hydrazine Reduction; or Method '353.2, or Method 'D-3867-79A, or Method '605, pp. 820-824, Automated Cadmium Reduction.

[8] Selenium—Method '270.2, Atomic Absorption Technique; or Method '270.3; or Method 'I-1667-78, pp. 237-237, or Method 'D-3859-79, or Method '301-A VII, pp. 159-162, Hydride Generation—Atomic Absorption Spectrophotometry.

[9] Silver—Method '272.1, or Method '301-A II, Atomic Absorption—Direct Aspiration; or Method '272.2, Atomic Absorption Techniques Furnace Technique.

[10] Fluoride—Electrode Method, or SPADNS Method, Method '414-B and C, pp. 391-394, or Method '340.1, "Colorimetric SPADNS with Bellack Distillation," or Method '340.2, "Potentimetric Ion Selective Electrode;" or ASTM Method 'D1179-72, or *Colorimetric Method with Preliminary* Distillation, Method '603, Automated Complexone Method (Alizarin Fluoride Blue) pp. 614-616, or Automated Electrode Method, "Fluoride in Water and Wastewater," Industrial Method #380-75WE, Technicon Industrial Systems, Tarrytown, New York 10591, February 1976, or "Fluoride in Water

Source. #2744, eff 12-31-82

USE CLASSIFICATIONS[1] AND WATER QUALITY STANDARDS

AS OF NOVEMBER 1, 1976

BASED ON CHAPTER 149 REVISED STATUTES ANNOTATED AND REGULATIONS

OF THE

NEW HAMPSHIRE WATER SUPPLY AND POLLUTION CONTROL COMMISSION

OPTIMUM USES

CRITERIA	Class A	Class B	Class C
	Potentially acceptable for water supply uses after disinfection. No discharge of sewage, wastes or other polluting substances into waters of this classification. (Quality uniformly excellent.)	Acceptable for swimming and other recreation, fish habitat, and, after adequate treatment, for use as water supplies. No disposal of sewage or wastes unless adequately treated. (High aesthetic value.)	Acceptable for recreational boating, fishing, and industrial water supply with or without treatment, depending on individual requirements. (Third highest quality.)
Dissolved Oxygen	Not less than 75% of saturation, nor less than 6 ppm[2] in cold water fisheries.	Not less than 75% of saturation, nor less than 6 ppm[2] in cold water fisheries unless naturally occurring.	Not less than 5 ppm[2] in warm water fisheries, nor less than 6 ppm[2] in cold water fisheries unless naturally occurring.
Coliform Bacteria	Not more than 50 coliforms per 100 ml unless naturally occurring.	Not more than 240 coliforms per 100 ml in fresh water, unless naturally occurring. Not more than 70 coliforms per 100 ml in waters used for growing or taking of shellfish for human consumption.	Not to exceed an average value of 1000 coliforms per 100 ml in any group of samples, nor shall any single sample exceed 2500 coliforms per 100 ml except when such waters are subject to overflow from a combined sewer system or as naturally occurs.
pH (acidity-alkalinity)	As naturally occurs.	6.5 - 8.0 or as naturally occurs.	6.0 - 8.5 or as naturally occurs.
Substances potentially toxic	None unless naturally occurring.	Not in toxic concentrations or combinations.	Not in toxic concentrations or combinations.
Sludge Deposits	None.	No unreasonable kinds or quantities unless naturally occurring.	No unreasonable kinds or quantities, unless naturally occurring.
Oil and Grease	None.	No unreasonable kinds or quantity.	No unreasonable kinds or quantity.
Color	Not in unreasonable quantities, unless naturally occurring.	Not in unreasonable quantities, unless naturally occurring.	Not in unreasonable quantities, unless naturally occurring.
Turbidity	Not to exceed 5 standard turbidity units unless naturally occurring.	Not to exceed 10 standard turbidity units in cold water fisheries. Not to exceed 25 standard turbidity units in warm water fisheries unless naturally occurring.	Not to exceed 10 standard turbidity units in cold water fisheries. Not to exceed 25 standard turbidity units in warm water fisheries unless naturally occurring.
Slicks, Odors and Surface-Floating Solids	None unless naturally occurring.	No unreasonable kinds, quantities or duration unless naturally occurring.	No unreasonable kinds, quantities or duration unless naturally occurring.

1, 2 - See Over

Continued Over

(continued from other side)

USE CLASSIFICATIONS[1] AND WATER QUALITY STANDARDS

AS OF NOVEMBER 1, 1976

BASED ON CHAPTER 149 REVISED STATUTES ANNOTATED AND REGULATIONS

OF THE

NEW HAMPSHIRE WATER SUPPLY AND POLLUTION CONTROL COMMISSION

OPTIMUM USES

CRITERIA (continued)	Class A	Class B	Class C
	Potentially acceptable for water supply uses after disinfection. No discharge of sewage, wastes or other polluting substances into waters of this classification. (Quality uniformly excellent.)	Acceptable for swimming and other recreation, fish habitat, and, after adequate treatment, for use as water supplies. No disposal of sewage or wastes unless adequately treated. (High aesthetic value.)	Acceptable for recreational boating, fishing, and industrial water supply with or without treatment, depending on individual requirements. (Third highest quality.)
Temperature	No artificial rise.	NHF&GD, NEIWPCC, or NTAC-DI[3] requirements - whichever provides most effective control.	NHF&GD, NEIWPCC or NTAC-DI[3] requirements - whichever provides most effective control.
Phosphorus	None, except as naturally occurs.	None in such concentrations[4] that would impair any usages assigned to this class, unless naturally occurring.	None in such concentrations[4] that would impair any usages assigned to this class unless naturally occurring.
Gross Beta Radioactivity	Not greater than 1000 picocuries[5] per liter.	Not greater than 1000 picocuries[5] per liter.	Not greater than 1000 picocuries[5] per liter.
Strontium-90	Not greater than 10 picocuries[5] per liter.	Not greater than 10 picocuries[5] per liter.	Not greater than 10 picocuries[5] per liter.
Radium-226	Not greater than 3 picocuries[5] per liter.	Not greater than 3 picocuries[5] per liter.	Not greater than 3 picocuries[5] per liter.
Phenol	Not to exceed .001 ppm.[2]	Not to exceed .001 ppm.[2]	Not to exceed .002 ppm.2

[1] The waters in each classification shall satisfy all provisions of all lower classifications.

[2] ppm = parts per million.

[3] NHF&GD - New Hampshire Fish and Game Department
NEIWPCC - New England Interstate Water Pollution Control Commission
NTAC-DI - National Technical Advisory Committee, Department of Interior.

[4] Generally less than 0.015 ppm.

[5] One picocurie is one trillionth of a curie, which is a standard measure of radioactivity.

NOTE: (a) RSA 149 in initial enactment provided for Class D, however, no waters in the State are so classified, nor currently are any being contemplated for such classification.
(b) Obviously, "acts of God" are exempt from control.
(c) The preceding shall apply to all times except during periods when the receiving stream flows are less than the minimum average ten-day low flow which occurs once in twenty years.

State of New Hampshire
WATER SUPPLY AND POLLUTION CONTROL COMMISSION
WATER SUPPLY DIVISION

Inorganic Chemical Analysis

APR 24 1985

Sample No.: 38625
EPA No. 1111111 - SPECIALS ********
System Name SPECIALS ********
Owners Name
City or Town *******

Date sampled: 03-23-85,10:00
Person sampling: TOM BELLESTERD
Date Submitted: 03-25-85,11:24
Date Completed: 04-16-85
Person submitting: TCA
Comments:

DRW 600'
8" TEST WELL

Test Name	MCL	Result (mg/l)	Test Name	MCL	Result (mg/l)
Primary Standards			**Secondary Standards**		
Arsenic	(0.05)	< .0050	Chloride, Cl	(250)	< 10.0000
Barium	(1.0)	< .5000	Copper, Cu	(1.0)	< .1000
Cadmium	(0.010)	< .0010	Iron, Fe	(0.30)	< .1000
Chromium	(0.05)	< .0300	Manganese, Mn	(0.05)	< .0300
Lead	(0.05)	< .0200	Sulfate, SO4	(250)	24.4000
Mercury	(0.002)	< .0010	Sodium, Na	(20-250	21.0000
Selenium	(0.01)	< .0050	Turbidity	(N.T.U.	
Silver	(0.05)	< .0010	Specific Conductance	(mhos	261.0000
Nitrate/Nitrite	(10.0)	< .2500	pH	(units	7.3000
Fluoride, F	(2.4)	< .1000	Total Hardness as	CaCO3	68.0000
Coliform Bact./100 ml		0	Calcium Hardness as	CaCO3	74.9000
Non-Coliform Bact.			Total Alkalinity as	CaCO3	90.0000
Iron Bacteria			TDS (tot. Dis. Sol.)	(500)	
Coliform, Tot. MPN/100			Corrosive Indices		
Other Heavy Metal			Aggressive		
			Langelier		
Aluminum, Al		< .0250	Color (15 apparent units)		
Antimony, Sb		< .0100	Foaming Agents, MBAS	(0.5)	
Molybdenum, Mo		< .0100	Hydrogen Sulfide	(0.05)	
Vanadium, Va		< .0050	Oder	(3 T.O.N.)	
Zinc, Zn		< .0500	Temperature	C.	
Radioactivity			**Radioactivity (cont.**		
Scan Alpha	(15pC/1)	< 1.0000	Composit Alpha		
Radium 226,228	(5pC/1)		Composit Uranium		
Uranium			Composit Radon		
Radon		700.0000			

mg/l = milligrams per liter - (otherwise noted)
> = greater then
< = less then
ND = none detected
PR = Present
pC/l = picocuries per liter

APPENDIX J

REFERENCES

WESTON
DESIGNERS CONSULTANTS

REFERENCES

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Bradley, E., 1982. Trichloroethylene in the Ground-Water Supply of Pease Air Force Base, Portsmouth, New Hampshire. U.S. Geological Survey Open File Report 80-557.

Bradley, E., and R. G. Peterson, 1962. New Hampshire Basic Data Report No. 1, Ground-Water Series, Southeastern Area. U.S. Geological Survey.

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Freeze, R.A. and J.A. Cherry, 1979. Groundwater, Prentice-Hall, Inc. , Englewood Cliffs, NJ, p.604

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Meyers, T.R. and E. Bradley, 1960. Suburban and Rural Water Supplies in Southeastern New Hampshire, New Hampshire State Planning and Development Commission, Mineral Resources Survey, Part XVIII, p.31.

Novotny, R. F., 1969. The Geology of the Seacoast Region, New Hampshire. New Hampshire Department of Resources and Economic Development.

Portier, J. and W. Christensen, 1977. Report on Trichloroethylene Ground-Water Contamination at Pease Air Force Base. USAF-OEHL, Brooks AFB, TX.

Prasant, E.W., 1971. Geochemistry of Iron, Manganese, Lead, Copper, Zinc, Arsenic, Antimony, Silver, Tin and Cadmium in the Soils of the Bathurst Area, New Brunswick. Geol. Surv. Can. Bul. No. 174.

Stewart, G. W., 19687. Drilled Water Wells in New Hampshire, New Hampshire Dept. of Resources and Economic Development, Mineral Resources Survey, Part XX, p.58.

Todd, D., 1980. Groundwater Hydrology (2nd Ed.), John Wiley and Sons, Inc., New York, p.535

U.S. Department of Agriculture Soil Conservation Survey (SCS), 1959, Soil Survey, Rockingham County, New Hampshire.

APPENDIX K

PROFESSIONAL PROFILES OF KEY PERSONNEL

87 8 29 209

Frederick Bopp III, Ph.D., P.G.

Registration

Registered Professional Geologist in the State of Indiana

Fields of Competence

Groundwater resources evaluation; hydrogeologic evaluation of sanitary landfills and other waste disposal sites; detection and abatement of groundwater pollution; digital modeling of groundwater flow and solute transport; statistical analysis of geological and geochemical data; geochemical prospecting; estuarine geology and geochemistry; trace metal and aqueous geochemistry.

Experience Summary

Seven years experience in hydrogeology and geochemistry, involving such activities as: assessment of subsurface water and soil contamination; development of contamination profiles; evaluation of remediation actions for groundwater quality restoration; quantitative chemical analysis of water and soil; ore assay and ore body evaluation; drilling supervisor; hydrogeologic assessment; pollution detection and abatement; estuarine pollution analysis; application of flow and solute transport computer models; computer programming; project management; teaching environmental geology and geochemistry.

Credentials

B.A., Geology—Brown University (1966)

M.S., Geology—University of Delaware (1973)

Ph.D., Geology—University of Delaware (1979)

Sigma Xi, The Scientific Research Society of North America

Geological Society of America, Hydrology Division

National Water Well Association, Technical Division

American Association for the Advancement of Science

Estuarine Research Federation: Atlantic Estuarine Research Society

Employment History

1979-Present	WESTON
1977-1979	U.S. Army Corps of Engineers Waterways Experiment Station
1976-1977	University of South Florida Department of Geology
1970-1976	University of Delaware Department of Geology
1974-1976	Earth Quest Associates President and Principal Partner
1974 (Summer)	WESTON
1966-1970	United States Navy Commissioned Officer

Key Projects

Project manager on seven task orders for environmental assessment services at United States Air Force facilities in nine states.

Task manager for a Superfund site evaluation in Ohio.

Site manager for drum recovery operations in Pennsylvania and New Jersey.

Project manager for site assessments of oil and fuel spills in four states.

Project manager for closure plan development at a hazardous waste landfill in New Jersey.

Definition and abatement of groundwater contamination from chemical manufacturing in Delaware.

Flow and solute transport digital model of a heavily-pumped regional aquifer in southern New Jersey.

Definition and abatement of groundwater contamination from chemical manufacturing in the Denver area.

Hydrogeologic impact assessment of on-land dredge spoil disposal in coastal North Carolina.

Geochemical prospecting and ore body analysis in Arizona.

Professional Profile

87 8 28 303

Definition and abatement of groundwater contamination from a hazardous waste site in northern New England.

Definition and abatement of groundwater contamination from plating and foundry wastes in eastern Pennsylvania.

Operational test and evaluation of new naval mine ordinances in southern Florida.

Publications

"Metals in Estuarine Sediments: Factor Analysis and Its Environmental Significance". *Science*, 214 (1981): 441-443.

"The Remobilization of Trace Metals from Suspended Sediments Entering the Delaware Estuary". Presented at the 27th Annual Meeting, Southeastern Section, Geological Society of America, Chattanooga, Tennessee, April 1978.

"Trace Metals in Delaware Bay Sediments and Oysters". Presented at the International Conference on Heavy Metals in the Environment, Toronto, Canada, October 1975.

Alison L. Dunn, P.G.

Registration

Registered Professional Geologist in the state of Virginia.

Fields of Competence

Groundwater flow system analysis and numerical modelling; groundwater contamination assessment and remediation; hydrogeologic evaluation of solid and hazardous waste sites; water supply and recovery well design and testing; monitor well network design and implementation; sampling of soil and water for conventional and hazardous chemical compounds.

Experience Summary

Three years experience as field hydrogeologist and project geologist in industrial and hazardous waste disposal site investigations including two Superfund sites, in IRP assessments of USAF facilities, and in inventories and assessments of various classes of injection wells. Three years of graduate research in hydraulic properties of shales and mudstones, watershed hydrology, and coastal hydrogeology, including practical applications of numerical groundwater flow models.

Credentials

B.A., Geology—Mount Holyoke College (1976)

M.S., Hydrogeology—University of Arizona (1981)

American Institute of Professional Geologists

National Water Well Association, Technical Division

American Geophysical Union, Hydrology Division

Employment History

1984-Present	WESTON
1981-1984	SMC Martin, Inc.
1978-1981	University of Arizona, Dept. of Hydrology Environmental Research Lab Office of Arid Land Studies
1978 (Summer)	Office of the State Geologist Montpelier, VT

Key Projects

Field evaluation (IRP Phase II) of potential groundwater contamination at three Air Force Bases in California, including monitor well installation and sample collection, analysis of hydrogeologic and chemical data.

Site visit and record search (IRP Phase I) at an Air Force Facility in the Mid-Atlantic Region, site identification and report preparation.

Field evaluation of fuel in groundwater at a Gulf Coast Air Force Facility, including monitor well installation, collection and analysis of hydrologic data.

Site assessment and remediation at an uncontrolled hazardous waste disposal site in New Jersey, including field sampling of highly contaminated groundwater and soils, conceptual development of site remediation measures, and testing of remedial measures on a computer groundwater flow model.

Hydrogeologic investigation of a 50-acre site for impact of past electronic components manufacturing operations on ground-and surface water.

Evaluation of the effect of placing an innovative top seal for closure of a 25-acre municipal landfill, including analysis of long-term hydrogeologic and geochemical conditions.

Site assessment and remediation at an uncontrolled hazardous waste disposal site in Ohio including a metal detector survey for buried drums, soil sampling, drilling and well construction supervision, well logging, and data analysis.

Evaluation of surface seepage from a 3-acre wastewater lagoon, including water level monitoring and a detailed water budget.

Publications

"Trichloroethylene Occurrence and Ground-Water Restoration in Highly Amsotropic Bedrock: A Case Study." Co-author David L. Kraus, in Proceedings of the Third National Symposium and Exposition on Aquifer Restoration and Groundwater Monitoring. National Water Well Association, Columbus, OH. 1983.

Professional Profile

"The Impact of Top-Sealing on the Windham, Connecticut Landfill." Co-authors R.M. Schuller and W.W. Beck, Jr., in *Proceedings of the 9th* Annual U.S. EPA MERL/SHWRD Conference, 1983.

"Leachate Quality Improvements after Top Sealing." Co-authors W.W. Beck, Jr., and G.H. Emrich, in Proceedings of the 8th Annual U.S. EPA MERL/SHWRD Conference, 1982.

"Preliminary Assessment of the Hydrologic Environment of Klamath Marsh, Oregon." Co-authors M.E. Norvelle, S.L. Vierek, and S. Ince, *NADSAT Project Completion Report No. 31*, Office of Arid Land Studies, University of Arizona, 1981, 71 p.

"A Study of Salinity in Effluent Lakes, Puerto Penasco, Sonora, Mexico." *Hydrology and Water Resources in Arizona and the Southwest*, American Water Resources Association, Arizona Section, 1981.

"Analysis of a Saline Ground-Water Flow System in Puerto Penasco, Sonora, Mexico." Presented to the Cordilleran Section Meeting of the Geological Society of America, March, 1981.

"A Bibliography of Vermont Geology." Compiled with Charles A. Ratte and Diane Vanacek, Office of the State Geologist, Montpelier, Vermont, 1980.

John A. Gilbert, P.E.

Registration

Registered Professional Engineer in the State of New Hampshire.

Fields of Competence

Industrial and hazardous waste site surveys, regulatory compliance evaluations, hazardous waste disposal site hydrogeological investigations, design of remedial action and closure for past disposal sites, research and development of treatability studies, chemical analysis and assessments.

Experience Summary

Experienced in industrial and hazardous waste inventories, site surveys, treatability studies, waste management planning and facility design, hydrogeological investigations of hazardous and municipal waste disposal sites, development and design of remedial actions and closure of past disposal sites. Substantial experience in the analysis of water, wastewater, and industrial/hazardous waste materials.

Credentials

B.A., Chemistry—Williams College (1978)

M.S., Civil Engineering, Environmental Health Engineering Program—Tufts University (1980)

Hazardous Materials Control Research Institute

New England Water Pollution Control Association

Water Pollution Control Federation

Employment History

1980-Present	WESTON
1979-1980	*National Council for Air and* Stream Improvement
1978-1980	Tufts University
1979-1980	Energy Resources Company, Inc.
1977-1978	Williams College

Key Projects

Carried out hazardous waste site survey and developed comprehensive hazardous waste management plan for Portsmouth Naval Shipyard. Work included evaluation of hazardous waste treatability and a complete analysis of the impact of current RCRA regulations. Follow-up projects included development of specific waste analysis, inspection, contingency, training, closure and SPCC plans related to hazardous waste management, preparation of the shipyard's hazardous waste permit application, and development of the shipyard's Hazardous Waste Management Process Manual.

Conducted preliminary identification, testing and grouping of unknown wastes in large drum storage site for Maremont Corporation to reduce number and costs of detailed laboratory analysis required. Project included development of disposal alternatives based on waste identifications. Follow-up projects included a hydrogeological investigation of impact of past hazardous waste management activities on Maremont site and design of secure closure of a former surface impoundment. Closure involved treatment and/or disposal of contaminated oily, aqueous, and sludge materials and on-site isolation of contaminated sub-soils.

Conducted hydrogeological investigation of impact of drum burial site for confidential client. Designed on-site secure closure for contaminated earth involving a secure containment cell with underdrain and leachate collection system.

Performed hydrogeological investigation and supporting field studies to assess impact of plating wastewater impoundment on a nearby river for confidential client. Designed and supervised secure closure of impoundment sludge and contaminated soil, including flood and erosion protection measures.

Carried out investigation of impact of past drum disposal site on local ground and surface waters for confidential client. Project included location and supervision of installation of groundwater monitoring well system. Follow-up projects included feasibility study on pyrolysis/incineration alternatives incorporating solvent recovery for a hazardous waste stream and technical assistance in preparation of hazardous waste permit.

Professional Profile

Developed and implemented a long-term groundwater monitoring program for confidential client to assess impact of past drum burial site on local groundwater. Project included siting and supervision of installation of monitoring wells, and development of analytical protocols for soil and groundwater. Following identification of groundwater contamination, participated in design and installation of a groundwater recovery and treatment system using air stripping. Project included securing NPDES discharge permit for treated effluent.

Evaluated hazardous waste management facilities and procedures for a confidential client including development of a management system and conceptual design of a hazardous waste storage facility.

Participated in Initial Assessment Studies for the U.S. Navy to identify past hazardous/industrial waste disposal practices and sites with potential for adverse effects on human health or the environment. Projects involved research in Navy records, site surveys, waste inventories, and personal interviews.

Compiled and analyzed information on statewide generation and disposal of hazardous wastes for the Maine Task Force on Hazardous Waste Facilities. Project included identification and evaluation of waste treatment, storage and disposal facilities and their capacities within the New England region.

Participated in the design, construction, and operation of a pilot groundwater treatment plant at the Sylvester Site, Nashua, New Hampshire, as part of Superfund remedial efforts. Responsibilities, in addition to process operation and control, included development of safety equipment requirements.

Developed and implemented a corporate-wide environmental compliance program for confidential client. Program included inspections and evaluation of compliance with hazardous waste and industrial wastewater regulations at all plants. Follow-up work included development of training programs and contingency plans for all facilities.

Leader on project field teams in evaluation of hazardous waste management facilities for Department of Defense at three U.S. Navy installations. Responsible for preparation and review of reports summarizing waste generation rates, incompatibilities, hazard abatement measures and short-term storage responsibility recommendations. Project included conceptual design of long-term storage facilities at same installations.

Earl M. Hansen, Ph.D.

Fields of Competence

Trace organic and inorganic analysis using U.S. EPA, ASTM, AIHA methodology; analytical methods development; collection and analysis of environmental samples including ambient air, stationary source discharges, water, wastewater, biological tissue, biological fluids, soils, sediments and hazardous waste; development and implementation of laboratory quality assurance and quality control programs.

Experience Summary

Fourteen years experience in the following areas:

Preparation and analysis of environmental samples for inorganic and organic analytes using GC, GC/MS, AA, ICP, HPLC and wet chemical techniques. Method development for selected priority pollutant analytes in chemical process wastewater as part of U.S. EPA BAT program.

Development of methods for analysis of tetrachlorinated dibenzo-dioxin (TCDD) isomers in organic liquids and commercial chlorinated phenols using GC/MS selected ion monitoring techniques.

Methods validation for use of volatile organic sampling train (VOST) to collect and analyze volatile organic emissions from hazardous waste incinerators. Sampling and analysis of selected analytes in multimedia emissions from Refuse Derived Fuel (RDF) Waste-to-Energy processes.

Credentials

B.A., Chemistry—Wittenberg University (1963)

Ph.D., Chemistry—Michigan State University (1970)

Employment History

1984-Present	WESTON
1982-1984	Envirodyne Engineers, Inc.
1977-1982	Midwest Research Institute
1973-1977	Snell Environmental Group
1972-1973	Clyde E. Williams and Associates
1969-1972	Notre Dame University

Key Projects

Managed a program to analyze environmental samples for 2,3,7,8,-TCDD for the U.S. EPA. This program required the analysis of over 2,000 environmental samples in 1983.

Managed a sampling and analysis contract for U.S. EPA at Research Triangle Park, North Carolina. This program focused on the evaluation of a volatile organic sampling train (VOST) for the collection of volatile organic compounds from the gaseous effluents of hazardous waste incinerators. Directed the construction of two VOST trains and developed a protocol for the use of VOST to evaluate the performance of hazardous waste incinerators.

Managed five laboratory tasks as part of a contract with United States Army Toxic and Hazardous Materials Agency (USATHAMA) for contamination survey of Army installation. This included development and validation of methods for selected analytes using the USATHAMA Quality Assurance Procedure.

Participated in the design and preliminary evaluation of a laboratory-scale thermal destruction system to be used to evaluate the feasibility of incineration of liquid and solid hazardous wastes. Directed a multi-task program which required quick response methods evaluation and analysis of groundwaters and soils from hazardous waste disposal sites. Samples received in this program were analyzed for substituted phenols and polynuclear aromatic hydrocarbons (PAH's) using GC/MS and HPLC.

Managed a program to analyze process wastewaters from six organic chemical manufacturing plants. This program was conducted for the U.S. EPA to identify and quantify the presence of organic and inorganic priority pollutants in these wastewaters. The project required design of sampling plans, development and evaluation of analytical methods, and collection and analysis of over 250 samples. These data were incorporated into the database which, is to be used by U.S. EPA to establish Best Available Treatment Technology (BAT) regulations for the organic chemical manufacturing industry.

Led the evaluation, selection, and recommendation of an inductively-coupled plasma (ICP) spectrophotometer which was purchased as an addition to MRI's atomic spectroscopy instrumentation in 1981.

Professional Profile

Directed the completion of three projects requiring chemical analysis of air, water and solid waste effluents which were collected from the combustion of refuse-derived fuel (RDF) as a part of an environmental assessment of waste-to-energy processes. These samples were analyzed for trace inorganic and organic components using AA, SSMS, GC, and GC/MS.

Supervised field activities for collection and shipment of wastewater samples collected from a pilot-scale wastewater treatment system in support of a treatability study of acid mine drainage conducted by the U.S. EPA.

Publications

Dalton, L.R., J.D. Rynbrant, E.M. Hansen, and J.L. Dye, "ESR and Optical Spectra of Metal Amine and Ammonia Mixtures." *J. Chem. Phys.*, 44, 3969 (1966).

Hentz, R.R. Farhataziz and E.M. Hansen, "Pulse Radiolysis of Liquids at High Pressures, I. Absorption Spectrum of the Hydrated Electron at Pressures up to 6.3 kbar." *J. Chem. Phys.*, 55, 4974 (1971).

Hentz, R.R. Farhataziz and E.M. Hansen, "Pulse Radiolysis of Liquids at High Pressures. II. Diffusion Controlled Reactions of the Hydrated Electron." *J. Chem. Phys.*, 56, 4485 (1972).

Hentz, R.R., Farhataziz and E.M. Hansen, "Pulse Radiolysis of Liquids at High Pressures. III. Hydrated Electron Reactions Not Controlled by Diffusion." *J. Chem. Phys.*, 56, 2959 (1972).

Braswell, P., K. Guter, and E.M. Hansen, "Groundwater Monitoring Made Easy." *Deeds and Data* (December 1975).

Hansen, E.M., "Protocol for the Collection and Analysis of Volatile POHC's Using VOST." Prepared for Industrial Environmental Research Laboratory, Research Triangle Park, North Carolina, Contract No. 68-02-3627 (EPA-600/8-84-007, March 1984).

Dye, J.L., L.R. Dalton, and E.M. Hansen, "ESR and Optical Spectra of Metal Amine and Ammonia Mixtures." Abstracts of the 149th National Meeting of the American Chemical Society, P. 455 (April 1965).

Hentz, R.R., Farhataziz and E.M. Hansen, "Pulse Radiolysis of Liquids at High Pressures. II. Diffusion-Controlled and Nondiffusion-Controlled Reactions of the Hydrated Electron." Presented at the National Meeting of the American Chemical Society, New York (September 1972).

Cramer, Ph.D., E.E. Conrad, J.E. Going, and C.L. Haile, E.M. Hansen, L.S. Malone, and A. Shan, "Analysis of Volatile Organic Priority Pollutants by the Purge and Trap Method." Presented at the Chromatography Forum, sponsored by Supelco, Inc., West Chester, Pennsylvania (May 1980).

Cramer, P.H., E.E. Conrad, J.E. Going, and C.L. Haile, E.M. Hansen, L.S. Malone, and A. Shan, "Analysis of Volatile Organic Priority Pollutants by the Purge and Trap Method." Presented at the Meeting of the Federation of Analytical Chemistry and Spectroscopy Societies, Philadelphia, Pennsylvania (August 1980).

Ananth, K.P., P. Gorman, and E.M. Hansen, "Trial Burn Verification Program for Hazardous Waste Incineration." Presented at the 8th Annual Research Symposium for Land Disposal Incineration and Treatment of Hazardous Waste (March 1982).

Hentz, R.R., Farhataziz and E.M. Hansen, "Pulse Radiolysis of Liquids at High Pressures. I. Absorption Spectrum of the Hydrated Electron at Pressures up to 6.3 kbar," *J. Chem. Phys.* Presented at the Conference on Radiation and Photochemistry, Whiteshell Nuclear Research Centre, Pinawa, Manitoba, Canada (November 1971).

Swanson, S.E., E.M. Hansen, L. Petrie, J.L. Spigarelli, and L.M. Williams, "Priority Pollutants in POTW Sludges." Presented at WPCF Conference, St. Louis, Missouri (October 1982).

Hansen, E.M., "Preparation and Analysis of Environmental Samples for 2,3,7,8-TCDD." Presented to St. Louis Section of American Chemical Society, St. Louis, Missouri (May 1983).

Hansen, E.M., "Analytical Methods for Determination of 2,3,7,8-TCDD in Soil." Presented as part of "Panel Discussion on Dioxin Risk Assessment," St. Louis Section of American Institute of Chemical Engineers (June 1983).

Hansen, E.M., "Analytical Methods for Determination of 2,3,7,8-TCDD in Soil." Presented to Chemistry Department Seminar Program, University of Missouri, St. Louis (September 1983).

Richard L. Kraybill

Fields of Competence

Hydrogeologic and geotechnical investigations of hazardous waste sites and landfills; evaluations of potential site use for solid and liquid waste disposal and secure land burial facilities; hydrogeologic analyses of remedial alternatives for groundwater contamination problems. Management of hydrogeologic projects involving groundwater resource evaluation, monitoring, development, and protection; analyses of groundwater quality trends as compared to land use.

Experience Summary

Fifteen years of professional experience in the field of groundwater pollution control. Expertise in providing technical guidance and advice to industry and public and governmental agencies on hydrogeologically related problems of groundwater management, protection, and development.

Prepared hydrogeologic reports assessing groundwater availability and suitability for supply; conducted investigations of groundwater pollution incidents and developed reports with specific recommendations relating to serious pollution problems and large scale water resource issues.

Coordinated and supervised subsurface exploratory work for hydrogeologic investigations relating to landfills, hazardous waste sites, groundwater injection systems, and other projects affecting groundwater; organized and performed studies utilizing advanced hydrogeologic methods such as ionic tracers, earth resistivity, and remote sensing; utilized mathematical principles of groundwater flow in hydrogeologic investigations.

Participated in planning, coordination and development of groundwater recovery and treatment projects where groundwater has been polluted.

Provided consultation and expert testimony on hydrogeologic aspects of disposal of hazardous and non-hazardous wastes. Managed group of geologists involved in hydrogeologic-geotechnical investigations.

Credentials

B.A., Geology—Lafayette College (1967)

M.S., Geology—Rutgers University (1977)

Affiliations

National Water Well Association, Technical Division

Water Pollution Control Federation

Pennsylvania Water Pollution Control Association, Eastern Section

Geological Society of America, Hydrogeologic and Engineering Divisions

Employment History

1981-Present	WESTON
1979-1981	Wehran Engineering Earth Sciences Group
1967-1979	Commonwealth of Pennsylvania

Key Projects

Senior Project Hydrogeologist on study involving the containment of PCB migration from five sites known to have received large quantities of materials containing PCB's.

Senior Project Hydrogeologist on the closure and cut-off wall certification of a large hazardous waste disposal site in a wetlands area in Michigan.

Project Manager for the hydrogeologic study and remediation analysis of a hazardous waste disposal site in Chester, PA, under contract with the PA Department of Environmental Resources and the EPA.

Developed and managed a site feasibility assessment and major detailed hydrogeologic-geotechnical investigation for the design of a secure landfill in Model City, NY.

Managed the investigation, design remediation and closure of an uncontrolled hazardous waste disposal site.

Professional Profile

Senior Hydrogeologist and Project Manager for an in-situ closure of a plating waste impoundment.

Senior Hydrogeologist for investigation and design of a secure sewage sludge disposal facility involving groundwater cutoff by slurry trench methods.

Senior Hydrogeologist for five U.S. Air Force projects developing work scopes for investigating impacts at suspect hazardous waste disposal sites under the USAF-IRP program.

At one USAF Base, performed a detailed preliminary investigation of an existing groundwater pollution problem with the objective of assessing potential impacts on a nearly public water supply resource.

Project Manager and Senior Hydrogeologist pertaining to the environmental assessment and disposal of hazardous wastes at the largest metal finishing industry in Maine. Portions of project involved evaluation, risk assessment and concept closure of a hazardous waste impoundment; EPA sludge delisting; and hazardous waste Part B applications.

Project Manager and Hydrogeologist for landfill development, closure and site permitting.

Publications

"Groundwater Quality, Variation, and Trends as Compared to Land Use in a Critical Carbonate Recharge Area." Presented at the NWWA Exposition—Technical Division Annual Meeting, Boston, Massachusetts, 1977.

"Regulatory—Technical Aspects of Sewage Sludge Disposal on the Land Surface." Presented at the Pennsylvania Water Pollution Control Association Annual Convention, 1977.

"Hydrogeologic Considerations and Remedial Alternatives Assessment at Uncontrolled Hazardous Waste Disposal Sites." Vanderbilt University-sponsored Technical Program for Environmental Protection Agency, Region V, Cincinnati, Ohio, 1981.

"In-situ Remediation and Closure of a Plating Waste Impoundment", *Toxic and Hazardous Waste*. Proceedings of the Fifteenth Mid-Atlantic Industrial Waste Conference, June 1983.

Peter J. Marks

Fields of Competence

Project management; environmental analytical laboratory analysis; hazardous waste, groundwater and soil contamination; source emissions/ambient air sampling; wastewater treatment; biological monitoring methods; and environmental engineering.

Experience Summary

Eighteen years in Environmental Laboratory and Environmental Engineering as Project Scientist, Project Engineer, Process Development Supervisor, and Manager of Environmental Laboratory with WESTON. Experience in analytical laboratory, wastewater surveys, hazardous waste, groundwater and soil contamination, DoD-specific wastes, stream surveys, process development studies, and source emission and ambient air testing. In-depth experience in pulp and paper, steel, organic chemicals, pharmaceutical, glass, petroleum, petrochemical, metal plating, food industries and DoD.

Applied research on a number of advanced wastewater treatment projects funded by Federal EPA.

Credentials

B.S., Biology—Franklin and Marshall College (1963)

M.S., Environmental Engineering and Science—Drexel University (1965)

American Society for Testing and Materials

Water Pollution Control Federation

Water Pollution Control Association of Pennsylvania

Employment History

1965-Present	WESTON
1963-1964	Lancaster County General Hospital Research Laboratory for Analytical Methods Development

Key Projects

USAF/OEHL Brooks AFB. Program Manager for this three-year BOA contract provides technical support in environmental engineering surveys, wastewater characterization programs, geological investigations, hydrogeological studies, landfill leachate monitoring and landfill siting investigations, bioassay studies, wastewater and hazardous waste treatability studies, and laboratory testing and/or field investigations of environmental instrumentation/equipment. Collection, analysis, and reporting of contaminants present in water and wastewater samples in support of Air Force Environmental Health Programs.

United States Army Toxic and Hazardous Materials Agency (USATHAMA), Aberdeen Proving Ground, Maryland. Program Manager for three-year basic ordering agreement contract to provide research and development for technology in support of the DOD Installation Restoration Program. The objective of the Program is to identify and develop treatment methods/technology for containment and/or remedial action. Technology development for remedial action is to include groundwater, soils, sediments, and sludges.

Confidential Client, Ohio. Project Manager of an on-going contract to conduct corporate environmental testing and special projects at client's U.S. and overseas plants. WESTON must be able to assign up to four professionals to a project within a two week notice.

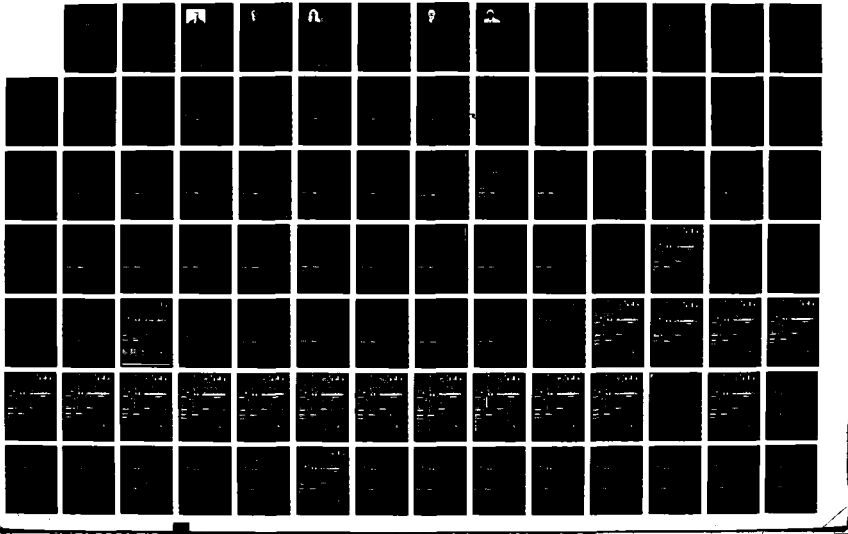
Confidential Client (Inorganic and Organic Chemicals). Product Manager of a current contract to conduct wastewater sampling and analysis of plant effluent for priority pollutants. The project also includes a wastewater treatability study to evaluate a number of process alternatives for removal of priority pollutants from the present effluent.

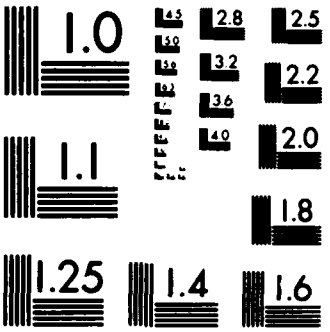
Confidential Client, Utah. Technical Project Manager for in-depth wastewater survey, in-plant study, treatability study, and concept engineering study in support of the client's objectives to meet 1983 effluent limitations. WESTON had two project engineers, two chemists, five technicians and an operating laboratory in the field. Field effort is six months duration.

Professional Profile

AD-A184 843 INSTALLATION RESTORATION PROGRAM PHASE 2 CONFIRMATION/QUANTIFICATION STAG..(U) WESTON (ROY F) INC WEST CHESTER PA R L KRAYBILL ET AL. AUG 87 7/10

UNCLASSIFIED F33615-84-D-4400 F/G 24/4 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

In conjunction with University of Delaware College, WESTON analyzed more than 500 biological and marine sediment samples for eleven constituent trace metals as part of a program to identify and trace the migration of metals from ocean dumping of sludges on the continental shelf off the coast of the State of Delaware, acted as Technical Project Manager.

Project Manager in charge of a wastewater analysis and biological treatability project for industrial client for the identification and degradation of six pesticide-containing wastewaters.

U.S. EPA Environmental Monitoring and Support Laboratory. Multi-year contract to provide reference laboratory analysis on QA/QC samples produced from the EPA Analytical Laboratory QA/QC program.

Publications

"Microbiological Inhibition Testing Procedure," Biological Methods for the Assessment of Water Quality, A.S.T.M. Publication STP 528.

"Heat Treatment of Waste Activated Sludge" (with V.T. Stack).

"Biological Monitoring in Activated Sludge Treatment Process," a joint paper with Stover/Woldman.

Gerald T. O'Neill

Fields of Competence

Computer applications to geological studies; computer graphics; numerical modeling of groundwater flow systems; geologic mapping; well logging; construction design of groundwater monitoring wells.

Experience Summary

Applications programming to hydrogeologic investigations and geochemical research; environmental impact assessment of surface mining for coal in Pennsylvania; X-ray diffraction identification of clay minerals; research in the geochemistry of ore deposits; geologic mapping in the sedimentary Appalachian Mountains and north central Rocky Mountains; groundwater monitoring well construction; well logging; aquifer evaluation; sampling of contaminated soils, groundwater and surface water; hydrogeologic investigation into quarry flooding in carbonate terrrain.

Credentials

B.S., Geosciences—Pennsylvania State University (1983)

Groundwater Modelling—GeoTrans and WESTON (1985)

Member, National Water Well Association Division of Groundwater Scientists and Engineers

Employment History

1984-Present	WESTON
1984	Yale University Geology and Geophysics
1981-1984	Pennsylvania State University Geochemistry and Mineralogy

Key Projects

Application of a finite-difference groundwater flow model to the evaluation of remedial alternatives at a chemical plant site in Ohio.

Groundwater investigation, including monitor well construction, well logging, aquifer testing, groundwater and soil sampling at an industrial site in Pennsylvania.

Project Engineer and Principal Hydrogeologist for water table reconstruction in relation to quarry flooding in carbonate rocks, southeastern Piedmont, Pennsylvania.

Groundwater monitoring well construction, well logging, aquifer evaluation, surface water, and soil sampling, data management and report preparation for U.S. Air Force IRP study, Pease AFB, New Hampshire.

Groundwater and soil sampling at a U.S. EPA Superfund site in Rhode Island.

Groundwater monitoring well construction, well logging, aquifer evaluation, groundwater and soil sampling at various locations in New Hampshire.

Groundwater monitoring well construction, well logging, aquifer evaluation, and groundwater sampling for U.S. Air Force IRP study at Otis AFB, Cape Cod, Massachusetts.

Professional Profile

Robert A. Ricard

Fields of Competence

Shop drawing review; construction estimating, pre-bid review of project plans and specifications; construction inspection; mechanical, electrical, architectural and site civil design drafting; topographic, boundary and construction layout surveys; energy auditing; specifications writing; groundwater, soil, surface water and hazardous waste sampling.

Experience Summary

Four years experience in surveying; two years experience in shop drawing review, construction estimating, plans and specifications review and preparation, drafting; one year experience in construction inspection.

Credentials

Associate of Applied Science, Construction Technology—Thompson School of Applied Science, University of New Hampshire (1980)

Employment History

1980-Present	WESTON
1980	University of New Hampshire
1979	Leclerc-Stowell Associates
1975-1978	U.S. Army

Key Projects

Shop drawing review for $8 million advanced wastewater treatment facility for the Sanford Sewerage District, Sanford, Maine.

Shop drawing review for wastewater treatment facilities in the Towns of Woodsville, Derry, Littleton and Rindge, New Hampshire.

Shop drawing review for $3 million septage treatment facility for the Towns of Wayland and Sudbury, Massachusetts.

Shop drawing review for water treatment facility for Pease Air Force Base, Newington, New Hampshire.

Shop drawing review for wastewater collection facilities in the Towns of Sanford, Maine; Woodsville, Northfield, Belmont and Derry, New Hampshire; and Grafton County, New Hampshire.

Construction estimates for $2 million 8-mile force main for the Town of Derry, New Hampshire.

Construction estimate for $575,000 classroom and laboratory building for New England Regional Wastewater Institute, Portland, Maine.

Construction estimates for sewerage treatment facilities in Derry and Littleton, New Hampshire; and Wayland/Sudbury, Massachusetts.

Plans and specifications review for Derry, New Hampshire treatment facility and 8-mile force main.

Plans and specifications review for sewer systems at Grafton County Home, North Haverhill, New Hampshire; Belmont, New Hampshire; and the City of Irbid, Jordan.

Construction inspection/project management of $270,000 vehicle maintenance facility for New Hampshire State Hospital, Concord, New Hampshire.

Equipment maintenance, set-up and data management for water quality monitoring for Public Service Company of New Hampshire.

Groundwater sampling for towns of Salem, Hooksett, Derry, and Concord, New Hampshire.

Groundwater well construction management for Concord, New Hampshire; K. J. Quinn & Co., Davidson Rubber Co., and Sanford, Maine.

Test pits and soil sampling for two confidential clients.

Professional Profile

Katherine A. Sheedy

Fields of Competence

Geologic investigation and site evaluation; environmental impact assessment, quantitative and qualitative groundwater analysis, design of groundwater monitoring systems.

Experience Summary

Nine years experience in geological investigations including environmental impact analysis in geology, groundwater, and soils; hydrogeologic investigations of hazardous waste sites, preparation and delivery of expert testimony; assessment and mitigation of low-level radioactive contamination of groundwater and soils; migration of low-level radioactive contamination of groundwater and soils; migration of radionuclides in groundwater; site stability in limestone terrains; development of evaluation criteria for site search and selection projects; pre-mine opening hydrologic investigations for surface and underground coal mines; development of clean-up strategies for hazardous and radioactive waste disposal sites; Environmental Impact Statement preparation and review; site suitability investigations of waste disposal facilities for industrial and residential developments.

Credentials

B.A.—Queens College, CUNY (1969)

M.S., Geology—University of Delaware (1975)

American Geophysical Union

Geological Society of America

National Water Well Association, Technical Division

Employment History

1974-Present	WESTON
1972-1974	University of Delaware

Key Projects

Preparation of RCRA Part B permit application for facilities in the Midwest and on the West coast.

Initial Assessment Studies to identify possible contamination resulting from past practices at military installations.

Assessment of groundwater contamination from a municipal landfill in the Atlantic Coastal Plain including aquifer simulation to determine migration 10, 20 and 30 years in the future.

Hydrogeologic assessment of a multi-source military installation. The project includes groundwater modeling for the installation and for areas outside the installation in conjunction with State and Federal agencies.

Design of monitoring systems for a large industrial complex in Montana.

Assessment of regulatory requirements for hazardous waste lagoon closure in over forty states.

Assessment and analysis of emerging trends in groundwater research as applied to the utility industry.

Preparation of EPA Remedial Action Master Plans for five uncontrolled hazardous waste sites.

Principal investigator for geology, soils and groundwater portion of an Environmental Impact Statement for the decontamination of a radioactive waste disposal site in Canonsburg, Pennsylvania.

Project manager and principal investigator on clean-up of a site contaminated by pharmaceutical wastes in New Jersey.

Project manager and principal investigator for assistance in EIS preparation for five synthetic fuel plants in east-central United States.

Evaluation of environmental impact and operation of 23 municipal landfills in the Atlantic Coastal Plain.

Hydrogeologic investigations at mine sites prior to, during and after mining operations in Illinois.

Hydrogeologic investigations to determine site suitability for landfills, sewage sludge disposal, spray irrigation and industrial waste disposal.

Principal investigator on a dredge material disposal site feasibility study for Interstate Division for Baltimore City. This project was conducted to evaluate the feasibility of specific sites for disposal of 5 million cubic yards of

Professional Profile

material dredged from the Fort McHenry Tunnel in Baltimore. The evaluation included examination of costs, engineering feasibility, site stability, impact on biology and groundwater and ultimate use of the site as an inner-city park.

Supervision of an investigation to determine groundwater quality, delineate the extent of groundwater pollution and develop a groundwater-quality management program for a six-county area. Evaluated the adequacy of existing groundwater-quality standards and interacted with regulatory agencies.

Evaluation of groundwater quality, quantity and facilities; impact on groundwater for sites in semi-arctic environments and within the Columbia River Basin Project area.

Environmental assessment for a 200,000-BPCD refinery on a semi-arid island with extensive groundwater use in the West Indies.

Evaluation of structural stability problems in limestone solution area in Pennsylvania.

Supervision of a leachate collection system and groundwater monitoring program for an industrial landfill.

Investigation of potential sources of petroleum product found to be discharging through the subsurface, at the shore of Lake Erie.

Development of a state-of-the-art study and environmental analysis of the geothermal steam industry.

Publications

Sheedy, K. A., 1979, "Three-Phase Approach to Determination of Site Stability in Limestone". Presented at Association of Engineering Geologists 1979 Annual Meeting, Chicago, Illinois.

Sheedy, K. A., Schoenberger, R. J., Haderer, P., Dovey, R., 1979, "Solid Waste Disposal in the Coastal Plain: A Case Study." Presented at Association of Engineering Geologists 1979 Annual Meeting, Chicago, Illinois.

Sheedy, K. A., Leis, W., Thomas, A., 1980, "Land Use in Limestone Terrain, Problems and Case Study Solutions". In *Applied Geomorphology*, (The "Binghamton" symposia; 11) George Allen and Unwin, 1982.

Sheedy, K. A., Leis, W. Bopp, F., Anderson, J., "Use of Ground Penetrating Radar in Limestone Terrain". American Geographers Association, 1981.

Sheedy, K. A., "Methodology for the Selection of Low-Level Radioactive Waste Disposal Sites". American Nuclear Society, 1982.

Glenn R. Smart

Fields of Competence

Hydrogeologic investigations of potential hazardous waste sites and landfills; design and supervision of installation of groundwater monitoring programs; collection of field data and evaluation of potential environmental impact; management of hydrogeologic projects at hazardous waste sites.

Experience Summary

Seven years of experience in various aspects of the water resource industry. Involvement in over 100 hazardous waste projects in sixteen states. Development of hazardous waste site preliminary assessments and full field investigations. Development of site safety plans for use during hazardous waste site evaluations. Fully trained in the use of respiratory protective equipment, emergency first aid procedures, site sampling protocols and chain-of-custody procedures, and general site safety programs. Frequent interaction with government and industrial clients. Provided expert testimony for superfund litigation.

Employed remote sensing techniques and on-site investigations to locate favorable sites for the development of groundwater supplies. Collected field data, compiled hydrologic and hydraulic input, prepared reports for flood insurance studies. Presented study results to federal, state and local authorities.

Credentials

B.S., Hydrology—University of New Hampshire (1977)

National Water Well Association, Technical Division

American Water Resource Association

Employment History

1984-Present	WESTON
1979-1984	Ecology and Environment, Inc.
1977-1979	Sverdrup & Parcel and Associates, Inc.

Key Projects

Project Manager for Superfund site hydrogeologic investigation to determine potential impact on local well water supplies.

Project Manager for complete hydrogeologic investigation of Superfund site involving alleged contamination of municipal field.

Project Manager for confidential industrial client. Project included hydrogeologic study to determine the groundwater quality beneath site slated for industrial development.

Supervised a team of six field geologists and participated in collection of geologic data for nationwide mineral survey. Responsible for all planning, logistics, quality assurance and financial control of the team.

Designed shallow water table study to assess impact of past waste disposal practices of confidential client.

Designed and supervised installation of numerous groundwater monitoring programs at hazardous waste sites.

Publications

Hagger, C.L.D., and G.R. Smart, "Drilling and Installation of Groundwater Monitoring Wells on Hazardous Waste Sites: Construction Specifications and Preparations for Non-ideal Field Conditions." Paper presented to Northeast Conference on the Impact of Waste Storage and Disposal on Groundwater Resources, Ithaca, New York, July, 1982.

Smart, G.R., "A Cost-Effective Approach to Monitoring Well Installation." Paper presented to Triangle Conference on Environmental Technology, University of North Carolina at Chapel Hill, North Carolina, April, 1983.

Smart, G.R., "Installation of Monitoring Wells at Hazardous Waste Sites." Paper presented to 1983 Spill Control and Hazardous Materials Conference, New Haven, Connecticut, 1983.

Smart, G.R., "Design of Monitoring Well Systems to Meet RCRA Requirements." Presented at the HMCRI Waste Site Conference, Houston, Texas, March, 1984.

Professional Profile

Mark A. Sutton

Fields of Competence

Working knowledge of theoretical and physical principles of groundwater and surface water hydrology. Related areas include: geology, glacial geology, geomorphology, geophysics, soil chemistry, fresh water chemistry, field limnology, theoretical limnology, and algal ecology; field studies and numerical computer models of groundwater flow systems, regional flow analysis, groundwater quality and chemistry, open channel flow and storm related phenomena; and skilled in the use of all power tools and heavy equipment.

Experience Summary

Management of drilling operations: personnel and material; and supervision of preparation, calibration, and transportation logistics for scientific equipment, medical supplies, and technical climbing gear. As a field team member on the National Science Foundation Research Expedition to the Bara Shigri Glacial Fields was responsible for coring and drilling procedures, surface and air chemistry sampling, correlation analysis, Beta activities and core sampling for future activities of this group. Conduct of Seismic and Resistivity survey to develop water table and bedrock surface elevation, contour maps and estimating hydraulic conductivity values. Supervision of dairy cow nutrition experiment at Rizsman Experimental Farm, Durham, New Hampshire.

Credentials

B.S., Hydrology—University of New Hampshire

Environmental Protection Agency Certificate: Personnel Safety and Protection

Employment History

1983-Present	WESTON
1982	Shoals Corporation
	Viersen and Cochran Drilling Co.
1981	University of New Hampshire
1980-1981	Rizsman Experimental Farm
1977-1981	Self Employed—Logger
1976-1978	Larmie County Search and Rescue Team, Fort Collins, CO.

Key Projects

Dean Street PCB Site, Norwood, MA—Assisted the EPA in formulation of work and safety plans; devised soil sampling program to delineate area of contamination; monitored contractor removal activities and conducted routine safety audits.

Pinette Salvage Yard PCB Site, Washburn, ME—Acted as site safety officer responsible for monitoring ambient levels for organic vapor content as well as proper decontamination of vehicles leaving site. Formulated and conducted soil sampling survey and assisted in the on-scene analysis for PCB levels. Monitor all contractor related activities.

Baird & McGuire Hazardous Waste Site, Holbrook, MA—Conducted routine site safety audits and monitoring surveys. Supervised the repackaging and proper disposal of laboratory waste materials; monitored contractor operations during capping activities; provided technical assistance to the EPA during planning phases for the installation of monitoring wells and an on-site groundwater recirculation system.

Professional Profile

APPENDIX L

US AIR FORCE FORM 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157NA042

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-1

DATE COLLECTION BEGAN (YYMMDD): 860106

TIME COLLECTION BEGAN (24 hour clock): 1225

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed): ORIGINAL; COPY 1 — 0157; COPY 2

USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

LT. McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

NAME OF COLLECTOR (Org. / DSC): Glenn R. Smart - Roy F. Weston Inc.

SIGNATURE: Glenn R Smart

REASON FOR SUBMISSION: ☑ V — A-ACCIDENT/INCIDENT; R-ROUTINE/PERIODIC; C-COMPLAINT; N-NPDES; F-FOLLOWUP/CLEANUP; O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 0258

OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
✓ Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

		GROUP G	
Hardness	00900	Acidity, Total	70508
Iron	01045	Alkalinity, Total	00410
Lead	01051	Alkalinity, Bicarbonate	00425
Magnesium	00927	Bromide	71870
Manganese	01055	Carbon Dioxide	00405
Mercury	71900	Chloride	00940
Nickel	01067	Color	00080
Potassium	00937	Fluoride	00951
Selenium	01147	Iodide	71865
Silver	01077	Odor	00086
Sodium	00929	Residue, Total	00500
Thallium	01059	Residue, Filterable (TDS)	70300
Zinc	01092	Residue, Nonfilterable	00530

		GROUP H	
Residue, Settleable	50086	BHC Isomers	39340
Residue, Volatile	00505	Chlordane	39350
Silica	00955	DDT Isomers	39370
Specific Conductance	00095	Dieldrin	39380
Sulfate	00945	Endrin	39390
Sulfite	00740	Heptachlor	39410
Surfactants -MBAS	38260	Heptachlor Epoxide	39420
Turbidity	00076	Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
		2,4-D	39730
		2,4,5-TP-Silvex	39760
		2,4,5-T	39740
		GROUP J	
		Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES

Parameter		Value
Flow	50050	-- mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	-- mg/l
pH	00400	6.3 units
Temperature	00010	68 °F
Spec cond		440 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 043

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-2

DATE COLLECTION BEGAN (YYMMDD): 850618

TIME COLLECTION BEGAN (24 hour clock): 1140

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

(circle if changed) — COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, Agency): Glenn R. Smart - Ray F. Weston Inc.

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: [X] 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 0259

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610		Cyanide, Total 00720	X	Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002
	Kjeldahl Nitrogen 00625				GROUP G		Barium 01007
	Nitrate 00620		GROUP H		Acidity, Total 70508		Beryllium 01012
	Nitrite 00615		BHC Isomers 39340		Alkalinity, Total 00410		Boron 01022
✓	Oil & Grease 00560		Chlordane 39350		Alkalinity, Bicarbonate 00425		Cadmium 01027
	Organic Carbon 00680		DDT Isomers 39370		Bromide 71870		Calcium 00916
	Orthophosphate 00671		Dieldrin 39380		Carbon Dioxide 00405		Chromium, Total 01034
	Phosphorus, Total 00665		Endrin 39390		Chloride 00940		Chromium VI 01032
			Heptachlor 39410		Color 00080		Copper 01042
			Heptachlor Epoxide 39420		Fluoride 00951		
			Lindane 39782		Iodide 71865	✓	See attachment
			Methoxychlor 39480		Odor 00086		
			Toxaphene 39400		Residue, Total 00500		
			2,4-D 39730		Residue, Filterable (TDS) 70300		GROUP J
			2,4,5-TP-Silvex 39760		Residue, Nonfilterable 00530		Sulfides 00745
			2,4,5-T 39740				

	GROUP H
	Residue, Settleable 50086
	Residue, Volatile 00505
	Silica 00955
	Specific Conductance 00095
	Sulfate 00945
	Sulfite 00740
	Surfactants - MBAS 38260
	Turbidity 00076

	GROUP T
	Bromoform 32104
	Bromodichloromethane 32101
	Carbon Tetrachloride 32102
	Chloroform 32106
	Chloromethane 34418
	Dibromochloromethane 32105
	Methylene Chloride 34423
	Tetrachloroethylene 34475
	1,1,1-Trichloroethane 34506
	Trichloroethylene 39180
	Trihalomethanes 82080
	PCBs 39516

ON SITE ANALYSES

Parameter		Value
Flow	50050	-- mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	-- mg/l
pH	00400	7.0 units
Temperature	00010	72 °F
Spc cond		650 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 043

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-3

DATE COLLECTION BEGAN (YYMMDD): 850806

TIME COLLECTION BEGAN (24 hour clock): 1130

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed):
ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
COPY 1: 0157 — Lt. McCoy, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
COPY 2:

SAMPLE COLLECTED BY (Name, Phone, AFSC): Glenn R. Smart - Roy F. Weston Inc.

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0260

OEHL FID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
✓ Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
✓ Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow — 50050	— mgd
Cadmium	01027	Iodide	71865	✓ See attachment		Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	— mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	7.1 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	72 °F
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Spec cond	500 mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 043

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-#7

DATE COLLECTION BEGAN (YYMMDD): 850618

TIME COLLECTION BEGAN (24 hour clock): 1155

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
COPY 1: 0157 — Lt. McCoy, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): Glenn R. Smart - Ray F. Weston Inc.

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: GN 85 0261

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610	✓	Cyanide, Total 00720		Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002
	Kjeldahl Nitrogen 00625						Barium 01007
	Nitrate 00620						Beryllium 01012
	Nitrite 00615						Boron 01022
✓	Oil & Grease 00560						Cadmium 01027
	Organic Carbon 00680						Calcium 00916
	Orthophosphate 00671						Chromium, Total 01034
	Phosphorus, Total 00665						Chromium VI 01032
							Copper 01042

	GROUP A		GROUP G
	Hardness 00900		Acidity, Total 70508
	Iron 01045		Alkalinity, Total 00410
	Lead 01051		Alkalinity, Bicarbonate 00425
	Magnesium 00927		Bromide 71870
	Manganese 01055		Carbon Dioxide 00405
	Mercury 71900		Chloride 00940
	Nickel 01067		Color 00080
	Potassium 00937		Fluoride 00951
	Selenium 01147		Iodide 71865
	Silver 01077		Odor 00086
	Sodium 00929		Residue, Total 00500
	Thallium 01059		Residue, Filterable (TDS) 70300
	Zinc 01092		Residue, Nonfilterable 00530

			GROUP H
	Residue, Settleable 50086		BHC Isomers 39340
	Residue, Volatile 00505		Chlordane 39350
	Silica 00955		DDT Isomers 39370
	Specific Conductance 00095		Dieldrin 39380
	Sulfate 00945		Endrin 39390
	Sulfite 00740		Heptachlor 39410
	Surfactants - MBAS 38260		Heptachlor Epoxide 39420
	Turbidity 00076		Lindane 39782
			Methoxychlor 39480
			Toxaphene 39400
			2,4-D 39730
			2,4,5-TP-Silvex 39760
			2,4,5-T 39740
✓	See attachment		

	GROUP J
	Sulfides 00745

	GROUP T
	Bromoform 32104
	Bromodichloromethane 32101
	Carbon Tetrachloride 32102
	Chloroform 32106
	Chloromethane 34418
	Dibromochloromethane 32105
	Methylene Chloride 34423
	Tetrachloroethylene 34475
	1,1,1-Trichloroethane 34506
	Trichloroethylene 39180
	Trihalomethanes 82080
	PCBs 39516

ON SITE ANALYSES

Parameter	Value
Flow — 50050	— mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	7.4 units
Temperature 00010	72 °F
spec cond	500 micromhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 01S7 NA 0014

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-5

DATE COLLECTION BEGAN (YYMMDD): 18 10 18 06

TIME COLLECTION BEGAN (24 hour clock): 1205

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (each if desired)
ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235
COPY 1: 0157 - Lt. McCoy, USAF HOSP PEASE/SEPB PEASE AFB, NH 03801
COPY 2:

Glenn R. Smart - Ray F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 0 A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOW UP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: GW 85 02 62 OEHL P.D.

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097		Acidity, Total 70508		EHC Isomers 39340		Sulfides 00745		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350				Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370				Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380				Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390				Chloromethane 34418
X	Oil & Grease 00560						Cadmium 01027		Chloride 00940		Heptachlor 39410				Dibromochloromethane 32105
	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420				Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782				Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865		Methoxychlor 39480				1,1,1-Trichloroethane 34506
							Copper 01042		Odor 00086		Toxaphene 39400				Trichloroethylene 39180
									Residue, Total 00500		2,4-D 39730				Trihalomethanes 82080
									Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760				PCBs 39516
									Residue, Nonfilterable 00530		2,4,5-T 39740				
											X See attachment				

	Residue, Settleable 50086		Residue, Volatile 00505		Silica 00955		Specific Conductance 00095		Sulfate 00945		Sulfite 00740		Surfactants - MBAS 38260		Turbidity 00076

ON SITE ANALYSES

Parameter	Value
Flow 50050	-- mgd
Chlorine, Total 50060	-- mg/l
Dissolved Oxygen 00300	-- mg/l
pH 00400	7.5 units
Temperature 00010	70 °F
Spec cond	340 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 1 0 1 4

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: SW-6

DATE COLLECTION BEGAN (MO DA YR): 18 SEP 0 M 0 5

TIME COLLECTION BEGAN (24 hour clock): 1210

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS — 30 (check 1) — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0 4 5 7 — Lt McCoy USAF HOSP PEASE/SEPB, PEASE AFB NH 03811

COPY 2:

Glenn R. Smart - Ray F. Weston — Glenn R Smart

REASON FOR SUBMISSION: 9 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: G N 8 5 0 2 6 3 — OEHL PE:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50089		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
X	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	-- mgd
	Cadmium	01027	Iodide	71865	X	See attachment		Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	-- mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	7.9 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	70 °F
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	Spec Cond	330 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Leave this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 01 57 MA 044

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-4

DATE COLLECTION BEGAN (YYMMDD): 85 10 18 06

TIME COLLECTION BEGAN (24 hour clock): 1150

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (each if different):
ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235
COPY 1: 01 57 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
COPY 2:

Glenn R. Smart - Ray F. Weston — Glenn R Smart

REASON FOR SUBMISSION: 6 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: GW 85 02 64 — DEHLPD

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
X	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	-- mgd
	Cadmium	01027	Iodide	71865	X	See attachment		Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	-- mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	7.5 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	72 °F
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	Spec. cond	309 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157NA 014

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: SW-8

DATE COLLECTION BEGAN (YYMMDD): 850806

TIME COLLECTION BEGAN (24 hour clock): 1100

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — 30 (circle 1): ORIGINAL — USAF OEH2/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1 — 0157 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: d — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOW UP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: GN05D205 — OEHL PD: —

ANALYSES REQUESTED (Check appropriate blocks)

GROUP A						GROUP T	
Ammonia	00510	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
[X] Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
[X] Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow — 50050	-- mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		pH 00400	8.9 units
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Temperature 00010	78 °C
						Spec. cond	300 mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 N A 0 1 4

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-9

DATE COLLECTION BEGAN (YYMMDD): 8 5 1 0 1 8 0 6

TIME COLLECTION BEGAN (24 hour clock): 1110

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS (check if not desired)

ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0 1 5 7 — Lt. McCoy, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Ray F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 30

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: G N 8 5 0 2 6 6

OEHL PD

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
			Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
X	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		Chlordane 39350		
					DDT Isomers 39370		
	GROUP E		GROUP G		Dieldrin 39380		
X	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		ON SITE ANALYSES
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760	Parameter	Value
	Cadmium 01027		Iodide 71865		2,4,5-T 39740	Flow 50050	-- mgd
	Calcium 00916		Odor 00086			Chlorine, Total 50060	mg/l
	Chromium, Total 01034		Residue, Total 00500			Dissolved Oxygen 00300	-- mg/l
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J	pH 00400	8.7 units
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745	Temperature 00010	64 °F
						Spec cond	235 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157NA 045

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: SW-10

DATE COLLECTION BEGAN (YYMMDD): 18,5 0,8 0,6

TIME COLLECTION BEGAN (24 hour clock): 1240

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (see # 11): ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0157 — Lt. McCoy, USAF HOSP PEASE/SEPB PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston — Glenn R Smart

REASON FOR SUBMISSION (mark 10): A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: GW 10 5 02 6 7 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50066		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	Total Organic Halogens		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	-- mgd
	Cadmium	01027	Iodide	71865				Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	-- mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	6.2 units
	Corrosion VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	68 °F
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	Spec. cond	700 - mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 045

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-11

DATE COLLECTION BEGAN (YYMMDD): 850218

TIME COLLECTION BEGAN (24 hour clock): 1245

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check 1):
- ORIGINAL: USAF OEH2/SA, BLDG 140 Brook's AFB, TX 78235
- COPY 1: 0457 Lt McCoy, USAF HOSP PEASE/SEPB PEASE AFB, NH 03801
- COPY 2:

Glenn R. Smart - Ray F. Watson — Glenn R Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: GN 85 02 68 — DEHL PD: —

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
X Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	--- mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	--- mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	--- mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	6.5 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	72 °F
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Spec cond	350 mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 045

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-12

DATE COLLECTION BEGAN (YYMMDD): 850806

TIME COLLECTION BEGAN (24 hour clock): 1250

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

MAIL REPORTS — COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

MAIL REPORTS — COPY 2:

Glenn R. Smart - Roy F. Weston — Glenn R Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: GW 85 20269 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
X Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	-- mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	-- mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	6.5 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	68 °F
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	spec cond	345 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 WA 016

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-13

DATE COLLECTION BEGAN (YY MM DD): 85 08 06

TIME COLLECTION BEGAN (24 hour clock): 1300

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (cbnc): ORIGINAL: USAF OEHL/SA, BLDG 140 Brook's AFB, TX 78235

COPY 1: 0157 LT McCOY, USAF HOSP PEASE/SEPB PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston — Glenn R Smart

REASON FOR SUBMISSION: 0 A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOW UP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: GW 85 202 70 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

| | GROUP A | | |

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 016

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-14

DATE COLLECTION BEGAN (YYMMDD): 180106

TIME COLLECTION BEGAN (24 hour clock): 1315

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check #): ORIGINAL; COPY 1: 0157 — USAF OEH2/SA, BLDG 140, Brooks AFB, TX 78235; COPY 2: — LT McCOY, USAF HOSP PEASE/SEPB PEASE AFB, NH 03801

Glenn R. Smart - Roy F. Weston — Glenn R Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOW UP/CLEAN UP, O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN 85 02 71 — OEHL PD: —

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 — mgd
	Cadmium	01027	Iodide	71865	X	See Attachment			Chlorine, Total 50060 — mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300 — mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400 7.0 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 78 °F
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		Spec cond 150 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 017

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-15

DATE COLLECTION BEGAN (YR MO DA): 18 5 10 18 0 6

TIME COLLECTION BEGAN (24 hour clock): 1335

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check 1): ORIGINAL — USAF OEH2/SA, BLDG 140, Brooks AFB, TX 78235

COPY TO — 0157 — LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, B-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: GN 05 0272 — OEHL PD

ANALYSES REQUESTED (check appropriate blocks)

| | GROUP A | | |

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 N A 0 1 8

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-16

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 8 0 6

TIME COLLECTION BEGAN (24 hour clock): 1340

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE ____ HOURS

MAIL REPORTS TO (check 1): ORIGINAL — USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235
COPY 1 — 0 1 5 7 — LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801
COPY 2

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: C — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: 6 1 N 8 5 0 2 7 3 — OEHL FD

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Tribalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	-- mgd
	Cadmium	01027	Iodide	71865	X	See Attachment		Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	-- mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	6.4 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	80 °F
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	spec cond.	200 mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 0446

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: SW-17

DATE COLLECTION BEGAN (YYMMDD): 15 10 01 81

TIME COLLECTION BEGAN (24 hour clock): 1400

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL; COPY 1 — 0157 — LT McCOY USAF HOSP PEASE/SEPB PEASE AFB, NH 03801; COPY 2 — USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

Glenn R. Smart - Roy F. Weston, Inc. Glenn R Smart

PURPOSE FOR SUBMISSION: 0 A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP-Phase II

BASE SAMPLE NUMBER: GN 05 0274 OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue, Settleable 50080		GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
X Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow — 50050	-- mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	-- mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	6.4 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	65 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Spec Cond	180 mmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AF 36-7): 0157 NA 047

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: SW-18

DATE COLLECTION BEGAN (YYMMDD): 850827

TIME COLLECTION BEGAN (24 hour clock): 1350

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1):
- ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
- COPY 1: 04157 — LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801
- COPY 2:

Glenn R Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 0 A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOW UP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN 85 0275 — OEHL PD

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow — 50050 — mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060 — mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300 — mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400 — 6.6 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — 65 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		Spec cond 200 mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 1 1

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-19

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 8 0 7

TIME COLLECTION BEGAN (24 hour clock): 1120

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL — USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235
COPY 1 — 0 7 5 7 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
COPY 2

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: A

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: G N 8 5 0 2 7 6 — OEHL ID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP A		GROUP A		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
X Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants - MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow — 50050	-- mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	-- mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		pH 00400	7.7 units
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Temperature 00010	60 °C
						Spec cond	340+ mmos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 011

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-20

DATE COLLECTION BEGAN (DD MMM YY): 18 OCT 85

TIME COLLECTION BEGAN (24 hour clock): 1130

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS -30 (effective 1 ...)

ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2:

Glenn R Smart - Ray F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOW UP/CLEAN UP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN 85 02 77 — OEHL PD

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow — 50050	mgd
	Cadmium	01027	Iodide	71865				Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	7.6 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	60 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	Spec cond	330

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 048

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-22

DATE COLLECTION BEGAN (YR MO DA): 18 05 08 07

TIME COLLECTION BEGAN (24 hour clock): 0948

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — 30 (circle 1) — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0157 — Lt McCoy, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart — Glenn R Smart

TYPE OF SUBMISSION: 0 | A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC | C-COMPLAINT N-NPDES | F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: GN 05 02 78 — OEHL PID:

ANALYSES REQUESTED (mark appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50085	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
X Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	EHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	-- mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	-- mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	8.1 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	70 °F
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Spec Cond	1700 mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 N A 0 4 8

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-23

DATE COLLECTION BEGAN (YY MM DD): 8 5 1 0 1 0 7

TIME COLLECTION BEGAN (24 hour clock): 0941

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if other):
- ORIGINAL: USAF OEH2/SA, BLDG 140 Brooks AFB, TX 78235
- COPY 1: 0 1 5 7 — Lt McCoy, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801
- COPY 2:

Glenn R. Smart - Roy F. Weston Inc. — Glenn R Smart

REASON FOR SUBMISSION: A
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP-Phase II

BASE SAMPLE NUMBER: G N 8 5 0 2 7 9 — OEHL NO.

ANALYSES REQUESTED (Check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
X Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	9.9 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	72 °F
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Specific cond.	8 umhos

COMMENTS

AF FORM 2752 JAN 91

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 0048

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-2S

DATE COLLECTION BEGAN (YYMMDD): 850807

TIME COLLECTION BEGAN (24 hour clock): 1000

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL — USAF OEHL/SA, BLDG 140, Brook's AFB, TX 78235

COPY 1 — 0157 — Lt. McCoy, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2 —

Glenn R. Smart - Roy F. Weston Inc. — Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GW 85 0280 — OEHL FD

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097		Acidity, Total 70508		EHC Isomers 39340		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390		Sulfate 00945		Chloromethane 34418
X	Oil & Grease 00560						Cadmium 01027		Chloride 00940		Heptachlor 39410		Sulfite 00740		Dibromochloromethane 32105
	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420		Surfactants - MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865		Methoxychlor 39480				1,1,1-Trichloroethane 34506
							Copper 01042		Odor 00086		Toxaphene 39400				Trichloroethylene 39180
									Residue, Total 00500		2,4-D 39730				Trihalomethanes 82080
									Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760				PCBs 39516
									Residue, Nonfilterable 00530		2,4,5-T 39740		GROUP J		
													Sulfides 00745		

ON SITE ANALYSES

Parameter		Value	
Flow	50050	--	mgd
Chlorine, Total	50060	--	mg/l
Dissolved Oxygen	00300	--	mg/l
pH	00400	8.4	units
Temperature	00010	70	°F
Spec Cond		1000	mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 10 48

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-26

DATE COLLECTION BEGAN (YYMMDD): 851018

TIME COLLECTION BEGAN (24 hour clock): 1200

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if desired):
ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
COPY 2:

Glenn R. Smart - Roy F. Weston — Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: GN 85 0281 — OEHL PD

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50060	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Ejeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
X Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	-- mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	-- mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	7.6 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	68 °F
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Spec Cond	1120 mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 WA 012

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-27

DATE COLLECTION BEGAN (YYMMDD): 870107

TIME COLLECTION BEGAN (24 hour clock): 1130

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS — 30 (circle 1)

ORIGINAL: USAF OEHL/SA, BLDG 140, Brook's AFB, TX 78235

COPY 1: 0157 — Lt. McCoy, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN 85 0282 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900
Ammonia	00610	Iron	01045
Chemical Oxygen Demand	00340	Lead	01051
Kjeldahl Nitrogen	00625	Magnesium	00927
Nitrate	00620	Manganese	01055
Nitrite	00615	Mercury	71900
X Oil & Grease	00560	Nickel	01067
Organic Carbon	00680	Potassium	00937
Orthophosphate	00671	Selenium	01147
Phosphorus, Total	00665	Silver	01077
		Sodium	00929
GROUP D		Thallium	01059
Cyanide, Total	00720	Zinc	01092
Cyanide, Free	00722		
GROUP E		GROUP G	
Phenols	32730	Acidity, Total	70508
		Alkalinity, Total	00410
GROUP F		Alkalinity, Bicarbonate	00425
Antimony	01097	Bromide	71870
Arsenic	01002	Carbon Dioxide	00405
Barium	01007	Chloride	00940
Beryllium	01012	Color	00080
Boron	01022	Fluoride	00951
Cadmium	01027	Iodide	71865
Calcium	00916	Odor	00086
Chromium, Total	01034	Residue, Total	00500
Chromium VI	01032	Residue, Filterable (TDS)	70300
Copper	01042	Residue, Nonfilterable	00530

		GROUP H	
Residue, Settleable	50086	BHC Isomers	39340
Residue, Volatile	00505	Chlordane	39350
Silica	00955	DDT Isomers	39370
Specific Conductance	00095	Dieldrin	39380
Sulfate	00945	Endrin	39390
Sulfite	00740	Heptachlor	39410
Surfactants - MBAS	38260	Heptachlor Epoxide	39420
Turbidity	00076	Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
GROUP J		2,4-D	39730
Sulfides	00745	2,4,5-TP-Silvex	39760
		2,4,5-T	39740

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES

Parameter		Value	
Flow	50050	--	mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300	--	mg/l
pH	00400	7.6	units
Temperature	00010	68	°F
Spec. cond.		1900	

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 012

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-28

DATE COLLECTION BEGAN (YR MO DA): 85 02 07

TIME COLLECTION BEGAN (24 hour clock): 1145

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check 1): ORIGINAL — USAF OEHL/SA, BLDG 140, Brook's AFB, TX 78235

COPY 1 — 0157 — LT. McCOY, USAF HOSP PEASE/SGPB PEASE AFB, NH 03801

COPY 2

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: [X] O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN 85 02 03

OEHL FID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104		
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101		
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418		
X Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105		
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475		
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506		
		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080		
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516		
Cyanide, Free	00722			DDT Isomers	39370				
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
Phenols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
Antimony	01097	Bromide	71870	Methoxychlor	39480				
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400				
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES			
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter		Value	
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050			mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060			mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300			mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400		8.0	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010		68	°F
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Spec Cond		1000	µMho

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 WA 012

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-29

DATE COLLECTION BEGAN (YR MO DA): 18 5 0 8 0 7

TIME COLLECTION BEGAN (24 hour clock): 1018

COLLECTION METHOD: [x] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — TO — (circle 1): ORIGINAL; COPY 1; COPY 2

0157 — USAF OEH2/SA, BLDG 140, Brooks AFB, TX 78235

LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

Glenn R. Smart - Roy F. Weston Inc. — Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN 8 5 0 2 0 4 — DEHL FILED

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745	Bromoform	32104
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350			Bromodichloromethane	32101
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370			Carbon Tetrachloride	32102
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380			Chloroform	32106
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390			Chloromethane	34418
X Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410			Dibromochloromethane	32105
Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420			Methylene Chloride	34423
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782			Tetrachloroethylene	34475
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480			1,1,1-Trichloroethane	34506
						Copper	01042	Odor	00086	Toxaphene	39400			Trichloroethylene	39180
								Residue, Total	00500	2,4-D	39730			Trihalomethanes	82080
								Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760			PCBs	39516
								Residue, Nonfilterable	00530	2,4,5-T	39740				

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.7 units
Temperature	00010	70 °F
Spec cond		1300 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 013

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-31

DATE COLLECTION BEGAN (YYMMDD): 850107

TIME COLLECTION BEGAN (24 hour clock): 1150

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — 30 (check 1): ORIGINAL — COPY 1 — 0157 — COPY 2

USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

Glenn R. Smart - Roy F. Weston Inc. — Glenn R Smart

REASON FOR SUBMISSION: 30

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN95020S — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP C		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
[X] Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants - MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow 50050	mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		pH 00400	7.3 units
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Temperature 00010	68 °F
						Spec cond	700 mhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157PG006

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: Harrison Dr-2

DATE COLLECTION BEGAN (YYMMDD):

TIME COLLECTION BEGAN (24 hour clock):

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL, COPY 1 (0157), COPY 2

USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

LT. McCOY, USAF HOSP PEASE/SGPB PEASE AFB, NH 03801

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GP95027

OEHL FID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900
Ammonia	00610	Iron	01045
Chemical Oxygen Demand	00340	Lead	01051
Kjeldahl Nitrogen	00625	Magnesium	00927
Nitrate	00620	Manganese	01055
Nitrite	00615	Mercury	71900
Oil & Grease	00560	Nickel	01067
Organic Carbon	00680	Potassium	00937
Orthophosphate	00671	Selenium	01147
Phosphorus, Total	00665	Silver	01077
		Sodium	00929
GROUP D		Thallium	01059
Cyanide, Total	00720	Zinc	01092
Cyanide, Free	00722		
GROUP E		**GROUP G**	
Phenols	32730	Acidity, Total	70508
		Alkalinity, Total	00410
GROUP F		Alkalinity, Bicarbonate	00425
Antimony	01097	Bromide	71870
Arsenic	01002	Carbon Dioxide	00405
Barium	01007	Chloride	00940
Beryllium	01012	Color	00080
Boron	01022	Fluoride	00951
Cadmium	01027	Iodide	71865
Calcium	00916	Odor	00086
Chromium, Total	01034	Residue, Total	00500
Chromium VI	01032	Residue, Filterable (TDS)	70300
Copper	01042	Residue, Nonfilterable	00530

Residue, Settleable	50086	**GROUP T**	
Residue, Volatile	00505	Bromoform	32104
Silica	00955	Bromodichloromethane	32101
Specific Conductance	00095	Carbon Tetrachloride	32102
Sulfate	00945	Chloroform	32106
Sulfite	00740	Chloromethane	34418
Surfactants -MBAS	38260	Dibromochloromethane	32105
Turbidity	00076	Methylene Chloride	34423
		Tetrachloroethylene	34475
		1,1,1-Trichloroethane	34506
GROUP H		Trichloroethylene	39180
BHC Isomers	39340	Trihalomethanes	82080
Chlordane	39350	PCBs	39516
DDT Isomers	39370	X See 24hr Analysis	
Dieldrin	39380		
Endrin	39390		
Heptachlor	39410		
Heptachlor Epoxide	39420		
Lindane	39782		
Methoxychlor	39480		
Toxaphene	39400		
2,4-D	39730	**ON SITE ANALYSES**	
2,4,5-TP-Silvex	39760	Parameter	Value
2,4,5-T	39740	Flow 50050	-- mgd
		Chlorine, Total 50060	mg/l
		Dissolved Oxygen 00300	-- mg/l
		pH 00400	units
GROUP J		Temperature 00010	°C
Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

TABLE 3

CHEMICAL PARAMETERS FOR VOC ANALYSIS

Purgeable Halocarbons, EPA Method 601	Purgeable Aromatics, EPA Method 602
Bromodichloromethane	Benzene
Bromoform	Chlorobenzene
Bromomethane	1,2-Dichlorobenzene
Carbon tetrachloride	1,3-Dichlorobenzene
Chlorobenzene	1,4-Dichlorobenzene
Chloroethane	Ethylbenzene
2-Chloroethylvinyl ether	Toluene
Chloroform	
Chloromethane	
Dibromochloromethane	
1-2-Dichlorobenzene	
1,3-Dichlorobenzene	
1,4-Dichlorobenzene	
Dichlorodifluoromethane	
1,1-Dichloroethane	
1,2-Dichloroethane	
1,1-Dichloroethene	
trans-1,2-Dichloroethene	
1,2-Dichloropropane	
cis-1,3-Dichloropropene	
trans-1,3-Dichloropropene	
Methylene chloride	
1,1,2,2-Tetrachloroethane	
Tetrachloroethene	
1,1,1-Trichloroethane	
1,1,2-Trichloroethane	
Trichloroethene	
Trichlorofluoromethane	
Vinyl chloride	

Atch 3.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157PG005

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SMITH PW-1

DATE COLLECTION BEGAN (YYMMDD): 870715

TIME COLLECTION BEGAN (24 hour clock): 1000

COLLECTION METHOD: [x] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS —30— (circle 1): ORIGINAL; COPY 1: 04157; COPY 2

USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

LT. McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GPG502886 OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP C		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350	X See attachment	
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow 50050	mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		pH 00400	units
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Temperature 00010	°C

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 P6 0 0 7

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: Havan PW-3

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 8 0 7

TIME COLLECTION BEGAN (24 hour clock): 0945

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — 30 (circle 1) — ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1: 0 1 5 7 — LT. McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston Inc. — Glenn R Smart

RL/SOK FOR SUBMISSION: 30

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP - Phase II

BASE SAMPLE NUMBER: G P 8 5 0 2 8 8 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

		GROUP G		GROUP H		GROUP T	
Hardness	00900	Acidity, Total	70508	BHC Isomers	39340	Bromoform	32104
Iron	01045	Alkalinity, Total	00410	Chlordane	39350	Bromodichloromethane	32101
Lead	01051	Alkalinity, Bicarbonate	00425	DDT Isomers	39370	Carbon Tetrachloride	32102
Magnesium	00927	Bromide	71870	Dieldrin	39380	Chloroform	32106
Manganese	01055	Carbon Dioxide	00405	Endrin	39390	Chloromethane	34418
Mercury	71900	Chloride	00940	Heptachlor	39410	Dibromochloromethane	32105
Nickel	01067	Color	00080	Heptachlor Epoxide	39420	Methylene Chloride	34423
Potassium	00937	Fluoride	00951	Lindane	39782	Tetrachloroethylene	34475
Selenium	01147	Iodide	71865	Methoxychlor	39480	1,1,1-Trichloroethane	34506
Silver	01077	Odor	00086	Toxaphene	39400	Trichloroethylene	39180
Sodium	00929	Residue, Total	00500	2,4-D	39730	Trihalomethanes	82080
Thallium	01059	Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760	PCBs	39516
Zinc	01092	Residue, Nonfilterable	00530	2,4,5-T	39740	X see attachment	

GROUP J	
Sulfides	00745
Residue, Settleable	50086
Residue, Volatile	00505
Silica	00955
Specific Conductance	00095
Sulfate	00945
Sulfite	00740
Surfactants - MBAS	38260
Turbidity	00076

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 PG 008

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: MMS-1 PW-4

DATE COLLECTION BEGAN (YYMMDD): 850807

TIME COLLECTION BEGAN (24 hour clock): 0915

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS —TO— (circle 1): ORIGINAL, COPY 1, COPY 2

USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

0157 LT McCOY, USAF HOSP PEASE/SGPB PEASE AFB, NH 03801

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: [X] O — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GP 85 0289

OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104		
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101		
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418		
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105		
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475		
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506		
		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080		
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516		
Cyanide, Free	00722			DDT Isomers	39370	[X] see attachment			
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
Phenols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
Antimony	01097	Bromide	71870	Methoxychlor	39480				
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400				
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES			
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value		
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd		
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l		
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l		
Chromium, Total	01034	Residue, Total	00500			pH 00400	units		
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C		
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745				

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 PG 009

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: MMS-2 PW-5

DATE COLLECTION BEGAN (YY MM DD): 85 08 07

TIME COLLECTION BEGAN (24 hour clock): 0925

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

(circle 1) — COPY 1: 0157 — Lt. McCoy, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston Inc. — Glenn R Smart

REASON FOR SUBMISSION: [X] O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GP85029O — DEHL P ID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

		GROUP G	
Hardness	00900	Acidity, Total	70508
Iron	01045	Alkalinity, Total	00410
Lead	01051	Alkalinity, Bicarbonate	00425
Magnesium	00927	Bromide	71870
Manganese	01055	Carbon Dioxide	00405
Mercury	71900	Chloride	00940
Nickel	01067	Color	00080
Potassium	00937	Fluoride	00951
Selenium	01147	Iodide	71865
Silver	01077	Odor	00086
Sodium	00929	Residue, Total	00500
Thallium	01059	Residue, Filterable (TDS)	70300
Zinc	01092	Residue, Nonfilterable	00530

		GROUP H	
Residue, Settleable	50086	BHC Isomers	39340
Residue, Volatile	00505	Chlordane	39350
Silica	00955	DDT Isomers	39370
Specific Conductance	00095	Dieldrin	39380
Sulfate	00945	Endrin	39390
Sulfite	00740	Heptachlor	39410
Surfactants - MBAS	38260	Heptachlor Epoxide	39420
Turbidity	00076	Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
		2,4-D	39730
		2,4,5-TP-Silvex	39760
		2,4,5-T	39740
		GROUP J	
		Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516
X See attachment	

ON SITE ANALYSES		
Parameter	Value	
Flow — 50050	---	mgd
Chlorine, Total 50060	---	mg/l
Dissolved Oxygen 00300	---	mg/l
pH — 00400		units
Temperature 00010		°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 PG 010

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: Loomis 1 PW-6

DATE COLLECTION BEGAN (YYMMDD): 850718

TIME COLLECTION BEGAN (24 hour clock): 0935

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS — 30 (circle 1) — ORIGINAL: USAF OEHL/SA, BLDG 140, Brook's AFB, TX 78235

COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GP85029 1 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097	
Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002	
Kjeldahl Nitrogen 00625						Barium 01007	
Nitrate 00620						Beryllium 01012	
Nitrite 00615						Boron 01022	
Oil & Grease 00560						Cadmium 01027	
Organic Carbon 00680						Calcium 00916	
Orthophosphate 00671						Chromium, Total 01034	
Phosphorus, Total 00665						Chromium VI 01032	
						Copper 01042	

GROUP G	
Acidity, Total 70508	
Alkalinity, Total 00410	
Alkalinity, Bicarbonate 00425	
Bromide 71870	
Carbon Dioxide 00405	
Chloride 00940	
Color 00080	
Fluoride 00951	
Iodide 71865	
Odor 00086	
Residue, Total 00500	
Residue, Filterable (TDS) 70300	
Residue, Nonfilterable 00530	

Hardness 00900	
Iron 01045	
Lead 01051	
Magnesium 00927	
Manganese 01055	
Mercury 71900	
Nickel 01067	
Potassium 00937	
Selenium 01147	
Silver 01077	
Sodium 00929	
Thallium 01059	
Zinc 01092	

Residue, Settleable 50086	
Residue, Volatile 00505	
Silica 00955	
Specific Conductance 00095	
Sulfate 00945	
Sulfite 00740	
Surfactants - MBAS 38260	
Turbidity 00076	

GROUP H	
BHC Isomers 39340	
Chlordane 39350	
DDT Isomers 39370	X see attachment
Dieldrin 39380	
Endrin 39390	
Heptachlor 39410	
Heptachlor Epoxide 39420	
Lindane 39782	
Methoxychlor 39480	
Toxaphene 39400	
2,4-D 39730	
2,4,5-TP-Silvex 39760	
2,4,5-T 39740	

GROUP J	
Sulfides 00745	

GROUP T	
Bromoform 32104	
Bromodichloromethane 32101	
Carbon Tetrachloride 32102	
Chloroform 32106	
Chloromethane 34418	
Dibromochloromethane 32105	
Methylene Chloride 34423	
Tetrachloroethylene 34475	
1,1,1-Trichloroethane 34506	
Trichloroethylene 39180	
Trihalomethanes 82080	
PCBs 39516	

ON SITE ANALYSES	
Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	units
Temperature 00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: Loomis 2 PW-7

DATE COLLECTION BEGAN (YYMMDD): 850702

TIME COLLECTION BEGAN (24 hour clock): 0900

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS —30— (check 1)
- ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
- COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
- COPY 2:

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GP95029 2

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370	X see attachment	
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 063

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-5

DATE COLLECTION BEGAN (YYMMDD): 18,5,01,10,91

TIME COLLECTION BEGAN (24 hour clock): 1205

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS — 30 (circle 1) — ORIGINAL, COPY 1, COPY 2: 0157

USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN95029 3 — OEHL FID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104		
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101		
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418		
Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105		
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475		
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506		
		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080		
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516		
Cyanide, Free	00722			DDT Isomers	39370				
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
Phenols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
Antimony	01097	Bromide	71870	Methoxychlor	39480				
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400				
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES			
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter		Value	
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow	50050		mgd
Cadmium	01027	Iodide	71865	X 949 attachment		Chlorine, Total	50060		mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen	00300		mg/l
Chromium, Total	01034	Residue, Total	00500			pH	00400	7.6	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature	00010	48	°F
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Spec. Cond.		200	umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157WH0064

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-6

DATE COLLECTION BEGAN (YYMMDD): 850618

TIME COLLECTION BEGAN (24 hour clock): 1350

COLLECTION METHOD: [x] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — 30 (check 1) — ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston Inc. — Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN95029 4 — CODELPID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

		GROUP G	
Hardness	00900	Acidity, Total	70508
Iron	01045	Alkalinity, Total	00410
Lead	01051	Alkalinity, Bicarbonate	00425
Magnesium	00927	Bromide	71870
Manganese	01055	Carbon Dioxide	00405
Mercury	71900	Chloride	00940
Nickel	01067	Color	00080
Potassium	00937	Fluoride	00951
Selenium	01147	Iodide	71865
Silver	01077	Odor	00086
Sodium	00929	Residue, Total	00500
Thallium	01059	Residue, Filterable (TDS)	70300
Zinc	01092	Residue, Nonfilterable	00530

		GROUP H	
Residue, Settleable	50086	BHC Isomers	39340
Residue, Volatile	00505	Chlordane	39350
Silica	00955	DDT Isomers	39370
Specific Conductance	00095	Dieldrin	39380
Sulfate	00945	Endrin	39390
Sulfite	00740	Heptachlor	39410
Surfactants -MBAS	38260	Heptachlor Epoxide	39420
Turbidity	00076	Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
		2,4-D	39730
		2,4,5-TP-Silvex	39760
		2,4,5-T	39740
X	see attachment		

GROUP J	
Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES		
Parameter		Value
Flow	50050	-- mgd
Chlorine, Total	50060	-- mg/l
Dissolved Oxygen	00300	-- mg/l
pH	00400	7.5 units
Temperature	00010	52 °F
spec. cond.		200-mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 0065

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-7

DATE COLLECTION BEGAN (YYMMDD): 850807

TIME COLLECTION BEGAN (24 hour clock): 1420

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — 30 — (circle 1)

ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1: 0157 LT McCOY USAF HOSP PEASE/SGPB PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN 85 02 95

OEHL PD

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP A		GROUP A		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants - MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow 50050	mgd
Calcium	00916	Odor	00086	X 5-00 Attachment		Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300			pH 00400	8.4 units
Copper	01042	Residue, Nonfilterable	00530	GROUP J		Temperature 00010	352 °F
				Sulfides	00745	Spec cond	390 µmhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 0666

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-8

DATE COLLECTION BEGAN (YYMMDD): 910219

TIME COLLECTION BEGAN (24 hour clock): 1238

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS —30— (time) !!
ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03803
COPY 2:

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN95029 6

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745	Bromoform	32104
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350			Bromodichloromethane	32101
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370			Carbon Tetrachloride	32102
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380			Chloroform	32106
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390			Chloromethane	34418
Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410			Dibromochloromethane	32105
Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420			Methylene Chloride	34423
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782			Tetrachloroethylene	34475
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480			1,1,1-Trichloroethane	34506
						Copper	01042	Odor	00086	Toxaphene	39400			Trichloroethylene	39180
								Residue, Total	00500	2,4-D	39730			Trihalomethanes	82080
								Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760			PCBs	39516
								Residue, Nonfilterable	00530	2,4,5-T	39740				

[X] See attachment

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400	7.9	units
Temperature	00010	48	°F
spec cond		135	

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 079

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-21

DATE COLLECTION BEGAN (YYMMDD): 910815

TIME COLLECTION BEGAN (24 hour clock): 1015

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL: USAF OEH2/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1: 0157 Lt. McCoy, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify): IRP - Phase II

BASE SAMPLE NUMBER: GW 95 02 97

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

		GROUP G	
Hardness	00900	Acidity, Total	70508
Iron	01045	Alkalinity, Total	00410
Lead	01051	Alkalinity, Bicarbonate	00425
Magnesium	00927	Bromide	71870
Manganese	01055	Carbon Dioxide	00405
Mercury	71900	Chloride	00940
Nickel	01067	Color	00080
Potassium	00937	Fluoride	00951
Selenium	01147	Iodide	71865
Silver	01077	Odor	00086
Sodium	00929	Residue, Total	00500
Thallium	01059	Residue, Filterable (TDS)	70300
Zinc	01092	Residue, Nonfilterable	00530

		GROUP H	
Residue, Settleable	50086	EHC Isomers	39340
Residue, Volatile	00505	Chlordane	39350
Silica	00955	DDT Isomers	39370
Specific Conductance	00095	Dieldrin	39380
Sulfate	00945	Endrin	39390
Sulfite	00740	Heptachlor	39410
Surfactants -MBAS	38260	Heptachlor Epoxide	39420
Turbidity	00076	Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
		2,4-D	39730
		2,4,5-TP-Silvex	39760
		2,4,5-T	39740

GROUP J	
Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

X See attachment

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved O_2	00300		mg/l
pH	00400	6.5	units
Temperature	00010	50	°F
Spec Cond		170	umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 080

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-22

DATE COLLECTION BEGAN (YYMMDD): 180807

TIME COLLECTION BEGAN (24 hour clock): 1540

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — 30 (circle 1)
ORIGINAL: USAF OEHL/SA, BLDG 140, Brook's AFB, TX 78235
COPY 1: 0157 LT McCOY, USAF HOSP PEASE/SGPB PEASE AFB, NH 03801
COPY 2:

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 30
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN95029 8 (OEHL PID)

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

GROUP G	
Acidity, Total	70508
Alkalinity, Total	00410
Alkalinity, Bicarbonate	00425
Bromide	71870
Carbon Dioxide	00405
Chloride	00940
Color	00080
Fluoride	00951
Iodide	71865
Odor	00086
Residue, Total	00500
Residue, Filterable (TDS)	70300
Residue, Nonfilterable	00530

Hardness	00900
Iron	01045
Lead	01051
Magnesium	00927
Manganese	01055
Mercury	71900
Nickel	01067
Potassium	00937
Selenium	01147
Silver	01077
Sodium	00929
Thallium	01059
Zinc	01092

GROUP H	
BHC Isomers	39340
Chlordane	39350
DDT Isomers	39370
Dieldrin	39380
Endrin	39390
Heptachlor	39410
Heptachlor Epoxide	39420
Lindane	39782
Methoxychlor	39480
Toxaphene	39400
2,4-D	39730
2,4,5-TP-Silvex	39760
2,4,5-T	39740

GROUP J	
Sulfides	00745

Residue, Settleable	50086
Residue, Volatile	00505
Silica	00955
Specific Conductance	00095
Sulfate	00945
Sulfite	00740
Surfactants - MBAS	38260
Turbidity	00076

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

[X] See attachment

ON SITE ANALYSES

Parameter		Value	
Flow	50050	---	mgd
Chlorine, Total	50060	---	mg/l
Dissolved Oxygen	00300	---	mg/l
pH	00400	8.2	units
Temperature	00010	50	°F
spec cond		240	µmhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 081

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-23

DATE COLLECTION BEGAN (MMDDYY): 18 SEP 09

TIME COLLECTION BEGAN (24 hour clock): 1048

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS — 30 (check 1): ORIGINAL — USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1 — 0157 — LT McCOY, USAF HOSP PEASE/SGPB PEASE AFB, NH 03801

COPY 2

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GM 95 0299 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625			GROUP F		Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620			Antimony	01097	Beryllium	01012	Bromide	71870	Dieldrin	39380	Specific Conductance	00095	Chloroform	32106
Nitrite	00615			Arsenic	01002	Boron	01022	Carbon Dioxide	00405	Endrin	39390	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560			Barium	01007	Cadmium	01027	Chloride	00940	Heptachlor	39410	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680			Beryllium	01012	Calcium	00916	Color	00080	Heptachlor Epoxide	39420	Surfactants - MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671			Boron	01022	Chromium, Total	01034	Fluoride	00951	Lindane	39782	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665			Cadmium	01027	Chromium VI	01032	Iodide	71865	Methoxychlor	39480			1,1,1-Trichloroethane	34506
				Calcium	00916	Copper	01042	Odor	00086	Toxaphene	39400			Trichloroethylene	39180
				Chromium, Total	01034			Residue, Total	00500	2,4-D	39730			Trihalomethanes	82080
				Chromium VI	01032			Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760			PCBs	39516
				Copper	01042			Residue, Nonfilterable	00530	2,4,5-T	39740			X see attachment	

ON SITE ANALYSES	
Parameter	Value
Flow — 50050	--- mgd
Chlorine, Total 50060	--- mg/l
Dissolved Oxygen 00300	--- mg/l
pH — 00400	7.1 units
Temperature 00010	50 °F
spec cond	330 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (APR 19-7): 0157

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-25

DATE COLLECTION BEGAN (DD MMM YY): 15 OCT 87

TIME COLLECTION BEGAN (24 hour clock): 1615

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0300

OEHL USE ONLY

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340	X	Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
			Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		Chlordane 39350		
					DDT Isomers 39370		
	GROUP E		GROUP G		Dieldrin 39380		
	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		ON SITE ANALYSES
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760		Parameter / Value
	Cadmium 01027		Iodide 71865		2,4,5-T 39740		Flow 50050 mgd
	Calcium 00916		Odor 00086				Chlorine, Total 50060 mg/l
	Chromium, Total 01034		Residue, Total 00500				Dissolved Oxygen 00300 mg/l
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		pH 00400 units
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		Temperature 00010 °C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 WA 0854

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-26

DATE COLLECTION BEGAN (YYMMDD): 850108

TIME COLLECTION BEGAN (24 hour clock): 1130

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — 30 (circle 1) — ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1: 04157 LT. McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: [X] O — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN85030301 OEHL PD

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T	
Ammonia	00610	Cyanide, Total	00720	[X] Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745	Bromoform	32104
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350			Bromodichloromethane	32101
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370			Carbon Tetrachloride	32102
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380			Chloroform	32106
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390			Chloromethane	34418
Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410			Dibromochloromethane	32105
Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420			Methylene Chloride	34423
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782			Tetrachloroethylene	34475
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480			1,1,1-Trichloroethane	34506
						Cobalt	01042	Odor	00086	Toxaphene	39400			Trichloroethylene	39180
								Residue, Total	00500	2,4-D	39730			Trihalomethanes	82080
								Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760			PCBs	39516
								Residue, Nonfilterable	00530	2,4,5-T	39740				

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400	8.4	units
Temperature	00010	48	°F
Spec. cond		170	umhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 WA 0 5

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-27

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 1 8 0 9

TIME COLLECTION BEGAN (24 hour clock): 0925

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS — 30 (check 1) — ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1: 0 1 5 7 — LT. McCOY, USAF HOSP PEASE/SGPB PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston Inc. — Glenn R Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: G N 9 5 0 3 0 2 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A			
Ammonia	00610		
Chemical Oxygen Demand	00340	✓	
Kjeldahl Nitrogen	00625		
Nitrate	00620		
Nitrite	00615		
Oil & Grease	00560		
Organic Carbon	00680		
Orthophosphate	00671		
Phosphorus, Total	00665		

GROUP D			
Cyanide, Total	00720		
Cyanide, Free	00722		

GROUP E			
Phenols	32730		

GROUP F			
Antimony	01097		
Arsenic	01002		
Barium	01007		
Beryllium	01012		
Boron	01022		
Cadmium	01027		
Calcium	00916		
Chromium, Total	01034		
Chromium VI	01032		
Copper	01042		

Hardness	00900		
Iron	01045		
Lead	01051		
Magnesium	00927		
Manganese	01055		
Mercury	71900		
Nickel	01067		
Potassium	00937		
Selenium	01147		
Silver	01077		
Sodium	00929		
Thallium	01059		
Zinc	01092		

GROUP G			
Acidity, Total	70508		
Alkalinity, Total	00410		
Alkalinity, Bicarbonate	00425		
Bromide	71870		
Carbon Dioxide	00405		
Chloride	00940		
Color	00080		
Fluoride	00951		
Iodide	71865		
Odor	00086		
Residue, Total	00500		
Residue, Filterable (TDS)	70300		
Residue, Nonfilterable	00530		

Residue, Settleable	50086		
Residue, Volatile	00505		
Silica	00955		
Specific Conductance	00095		
Sulfate	00945		
Sulfite	00740		
Surfactants - MBAS	38260		
Turbidity	00076		

GROUP H			
BHC Isomers	39340		
Chlordane	39350		
DDT Isomers	39370		
Dieldrin	39380		
Endrin	39390		
Heptachlor	39410		
Heptachlor Epoxide	39420		
Lindane	39782		
Methoxychlor	39480		
Toxaphene	39400		
2,4-D	39730		
2,4,5-TP-Silvex	39760		
2,4,5-T	39740		

GROUP J			
Sulfides	00745		

GROUP T			
Bromoform	32104		
Bromodichloromethane	32101		
Carbon Tetrachloride	32102		
Chloroform	32106		
Chloromethane	34418		
Dibromochloromethane	32105		
Methylene Chloride	34423		
Tetrachloroethylene	34475		
1,1,1-Trichloroethane	34506		
Trichloroethylene	39180		
Trihalomethanes	82080		
PCBs	39516		

ON SITE ANALYSES

Parameter		Value	
Flow	50050	--	mgd
Chlorine, Total	50060	--	mg/l
Dissolved Oxygen	00300	--	mg/l
pH	00400	6.5	units
Temperature	00010	50	°F
Spec cond		220	µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 0086

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-28

DATE COLLECTION BEGAN (YYMMDD): 850108

TIME COLLECTION BEGAN (24 hour clock): 1200

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — 30 — (circle 1)
ORIGINAL: USAF OEH2/SA, BLDG 140, Brooks AFB, TX 78235
COPY 1: 0157 LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
COPY 2:

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

RELEASE FOR SUBMISSION: 30

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP - Phase II

BASE SAMPLE NUMBER: GN 85 0303

OEHL ID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
X Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	7.4 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	50 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Specond	150 mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 WA 062

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-37

DATE COLLECTION BEGAN (YYMMDD):

TIME COLLECTION BEGAN (24 hour clock):

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (Limit 11):
ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
COPY 1: 0157 - LT. McCOY, USAF HOSP PEASE/SGPB PEASE AFB, NH 03801
COPY 2:

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 0 A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GN 95 0304 OEHL P.D.

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

		GROUP G	
Hardness	00900	Acidity, Total	70508
Iron	01045	Alkalinity, Total	00410
Lead	01051	Alkalinity, Bicarbonate	00425
Magnesium	00927	Bromide	71870
Manganese	01055	Carbon Dioxide	00405
Mercury	71900	Chloride	00940
Nickel	01067	Color	00080
Potassium	00937	Fluoride	00951
Selenium	01147	Iodide	71865
Silver	01077	Odor	00086
Sodium	00929	Residue, Total	00500
Thallium	01059	Residue, Filterable (TDS)	70300
Zinc	01092	Residue, Nonfilterable	00530

		GROUP H	
Residue, Settleable	50086	BHC Isomers	39340
Residue, Volatile	00505	Chlordane	39350
Silica	00955	DDT Isomers	39370
Specific Conductance	00095	Dieldrin	39380
Sulfate	00945	Endrin	39390
Sulfite	00740	Heptachlor	39410
Surfactants - MBAS	38260	Heptachlor Epoxide	39420
Turbidity	00076	Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
		2,4-D	39730
		2,4,5-TP-Silvex	39760
		2,4,5-T	39740
		GROUP J	
		Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES		
Parameter		Value
Flow	50050	-- mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	-- mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-38

DATE COLLECTION BEGAN (YR MO DAY): 81 05 18

TIME COLLECTION BEGAN (24 hour clock): 1130

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0305

OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722			✓	Arsenic 01002
	Kjeldahl Nitrogen 00625					✓	Barium 01007
	Nitrate 00620						Beryllium 01012
	Nitrite 00615						Boron 01022
✓	Oil & Grease 00560						Cadmium 01027
✓	Organic Carbon 00680						Calcium 00916
	Orthophosphate 00671						Chromium, Total 00034
	Phosphorus, Total 00665						Chromium VI 00032
							Cobalt 01042

	GROUP A		GROUP B		GROUP G		GROUP H
	Hardness 00900		Residue, Settleable 50086		Acidity, Total 70508		BHC Isomers 39340
✓	Iron 01045		Residue, Volatile 00505		Alkalinity, Total 00410		Chlordane 39350
✓	Lead 01051		Silica 00955		Alkalinity, Bicarbonate 00425		DDT Isomers 39370
	Magnesium 00927		Specific Conductance 00095		Bromide 71870		Dieldrin 39380
	Manganese 01055		Sulfate 00945		Carbon Dioxide 00405		Endrin 39390
✓	Mercury 71900		Sulfite 00740		Chloride 00940		Heptachlor 39410
✓	Nickel 01067		Surfactants -MBAS 38260		Color 00080		Heptachlor Epoxide 39420
	Potassium 00937		Turbidity 00076		Fluoride 00951		Lindane 39782
✓	Selenium 01147				Iodide 71865		Methoxychlor 39480
✓	Silver 01077				Odor 00086		Toxaphene 39400
	Sodium 00929				Residue, Total 00500		2,4-D 39730
	Thallium 01059				Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760
	Zinc 01092				Residue, Nonfilterable 00530		2,4,5-T 39740
✓	See attachment					✓	See attachment

	GROUP T
	Bromoform 32104
	Bromodichloromethane 32101
	Carbon Tetrachloride 32102
	Chloroform 32106
	Chloromethane 34418
	Dibromochloromethane 32105
	Methylene Chloride 34423
	Tetrachloroethylene 34475
	1,1,1-Trichloroethane 34506
	Trichloroethylene 39180
	Trihalomethanes 82080
	PCBs 39516
✓	TOX (Total organic halogens)

	GROUP J
	Sulfides 00745

ON SITE ANALYSES

Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	8.4 units
Temperature 00010	48 °C
Spec Cond.	170 umhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S 0 0 1 1

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SD1

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 1 0 8

TIME COLLECTION BEGAN (24 hour clock): 1030

COLLECTION METHOD: [x] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if not ORIGINAL):
- ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
- COPY 1: 0157 Lt McCoy, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801
- COPY 2:

Glenn R Smart - Roy F. Weston Inc. | Glenn R Smart

LEADER FOR SUBMISSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: G S 8 5 0 3 0 6 | OEHL ID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B			GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Ejeldahl Nitrogen	00525	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
		X see attachment		DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow 50050	-- mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved O 00300	-- mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300			pH 00400	units
Copper	01042	Residue, Nonfilterable	00530	GROUP J		Temperature 00010	°C
				Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 90 011

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SD-2

DATE COLLECTION BEGAN (YYMMDD): 850818

TIME COLLECTION BEGAN (24 hour clock): 1050

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS — 30 (circle 1) — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0157 LT McCOY USAF HOSP PEASE/SGPB PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC — C-COMPLAINT N-NPDES — F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GS 95 030 7 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745	Bromoform	32104
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350			Bromodichloromethane	32101
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370			Carbon Tetrachloride	32102
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380			Chloroform	32106
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390			Chloromethane	34418
Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410			Dibromochloromethane	32105
Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420			Methylene Chloride	34423
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782			Tetrachloroethylene	34475
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480			1,1,1-Trichloroethane	34506
						Cobalt	01042	Odor	00086	Toxaphene	39400			Trichloroethylene	39180
								Residue, Total	00500	2,4-D	39730			Trihalomethanes	82080
								Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760			PCBs	39516
								Residue, Nonfilterable	00530	2,4,5-T	39740				

Boron: X See attachment

ON SITE ANALYSES

Parameter		Value	
Flow	50050	--	mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300	--	mg/l
pH	00400		units
Temperature	00010		°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157SD048

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SD-3

DATE COLLECTION BEGAN (YYMMDD): 850807

TIME COLLECTION BEGAN (24 hour clock): 0930

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — 30 (circle 1): ORIGINAL — USAF OEHL/SA, BLDG 140, Brook's AFB, TX 78235

COPY 1 — 0157 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2

Glenn R. Smart - Roy F. Weston Inc. Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT, B-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GS85030B — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955
Nitrate	00620	Magnesium	00927	Specific Conductance	00095
Nitrite	00615	Manganese	01055	Sulfate	00945
Oil & Grease	00560	Mercury	71900	Sulfite	00740
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260
Orthophosphate	00671	Potassium	00937	Turbidity	00076
Phosphorus, Total	00665	Selenium	01147		
		Silver	01077		
GROUP D		Sodium	00929	GROUP H	
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340
Cyanide, Free	00722	Zinc	01092	Chlordane	39350
		[X] See attachment		DDT Isomers	39370
GROUP E		GROUP G		Dieldrin	39380
Phenols	32730	Acidity, Total	70508	Endrin	39390
		Alkalinity, Total	00410	Heptachlor	39410
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420
Antimony	01097	Bromide	71870	Lindane	39782
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480
Barium	01007	Chloride	00940	Toxaphene	39400
Beryllium	01012	Color	00080	2,4-D	39730
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760
Cadmium	01027	Iodide	71865	2,4,5-T	39740
Calcium	00916	Odor	00086		
Chromium, Total	01034	Residue, Total	00500		
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J	
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 S6 048

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SD-4

DATE COLLECTION BEGAN (YYMMDD): 850718

TIME COLLECTION BEGAN (24 hour clock): 0935

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS — ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1 (only if 30): 0157 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2:

Glenn R. Smart - Roy F. Weston Inc. — Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: GS 85 0309 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	EHC Isomers	39340	Sulfides	00745
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350		
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370		
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380		
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390		
Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410		
Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420		
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782		
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480		
						Copper	01042	Odor	00086	Toxaphene	39400		
								Residue, Total	00500	2,4-D	39730		
								Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760		
								Residue, Nonfilterable	00530	2,4,5-T	39740		

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

Residue, Settleable	50086		
Residue, Volatile	00505		
Silica	00955		
Specific Conductance	00095		
Sulfate	00945		
Sulfite	00740		
Surfactants - MBAS	38260		
Turbidity	00076		

Hardness	00900		
Iron	01045		
Lead	01051		
Magnesium	00927		
Manganese	01055		
Mercury	71900		
Nickel	01067		
Potassium	00937		
Selenium	01147		
Silver	01077		
Sodium	00929		
Thallium	01059		
Zinc	01092		
X see attachment			

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400		units
Temperature	00010		°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 5 0 3 1 0

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SD-5

DATE COLLECTION BEGAN (YY MMDD): 18, 5 0 1 8 0 7

TIME COLLECTION BEGAN (24 hour clock): 0952

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS — 30 (circle 1): ORIGINAL — USAF OEH2/SA, BLDG 140 Brooks AFB, TX 78235; COPY 1 — 0 1 5 7 — LT McCOY, USAF HOSP PEASE/SGPB PEASE AFB, NH 03801; COPY 2

Glenn R. Smart - Roy F. Weston Inc. — Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - Phase II

BASE SAMPLE NUMBER: G S 9 5 0 3 1 0 — DEHL ID

ANALYSES REQUESTED (check appropriate blocks)

| GROUP A | | |

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157SO049

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SD-6

DATE COLLECTION BEGAN (YYMMDD): 850718

TIME COLLECTION BEGAN (24 hour clock): 0907

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS — 30 (Minus 1):
ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
COPY 1: 0457 — Lt. McCoy, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
COPY 2:

Glenn R. Smart - Roy F. Weston Inc. — Glenn R Smart

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, O-OTHER (specify): IRP - Phase II

BASE SAMPLE NUMBER: GS85031 1 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	X See attachment		DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(This space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157NA01B

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SD-7

DATE COLLECTION BEGAN (YY MM DD): 850718

TIME COLLECTION BEGAN (24 hour clock): 1155

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS TO: ORIGINAL — STSgt Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1: 0157 — Lt. McCoy, USAF HOSP PEASE/SGPP PEASE AFB NH

COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): Glenn R Smart - Roy F. Weston

SIGNATURE: Glenn R Smart

AUTOVON

REASON FOR EMISSION: 0 — A-ACCIDENT/INCIDENT, B-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP - PHASE II

BASE SAMPLE NUMBER: GN85031 2

OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium *	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

GROUP G	
Acidity, Total	70508
Alkalinity, Total	00410
Alkalinity, Bicarbonate	00425
Bromide	71870
Carbon Dioxide	00405
Chloride	00940
Color	00080
Fluoride	00951
Iodide	71865
Odor	00086
Residue, Total	00500
Residue, Filterable (TDS)	70300
Residue, Nonfilterable	00530

Hardness	00900
Iron	01045
Lead	01051
Magnesium	00927
Manganese	01055
Mercury	71900
Nickel	01067
Potassium	00937
Selenium	01147
Silver	01077
Sodium	00929
Thallium	01059
Zinc	01092
☒ see attachment	

Residue, Settleable	50086
Residue, Volatile	00505
Silica	00955
Specific Conductance	00095
Sulfate	00945
Sulfite	00740
Surfactants - MBAS	38260
Turbidity	00076

GROUP H	
BHC Isomers	39340
Chlordane	39350
DDT Isomers	39370
Dieldrin	39380
Endrin	39390
Heptachlor	39410
Heptachlor Epoxide	39420
Lindane	39782
Methoxychlor	39480
Toxaphene	39400
2,4-D	39730
2,4,5-TP-Silvex	39760
2,4,5-T	39740

GROUP J	
Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 SD 05

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15 8-S

DATE COLLECTION BEGAN (YYMMDD): 18 5 0 8 1 3

TIME COLLECTION BEGAN (24 hour clock): 0940

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 57S 85 0313

FOR OEHL USE

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP C		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
✓ Total Organic Halogen		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	**GROUP H**		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		**GROUP G**		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730		
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760		
Cadmium	01027	Iodide	71865	2,4,5-T	39740		
Calcium	00916	Odor	00086				
Chromium, Total	01034	Residue, Total	00500				
Chromium VI	01032	Residue, Filterable (TDS)	70300	**GROUP J**			
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 91 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-9): 0157 SO 059

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-6

DATE COLLECTION BEGAN (YYMMDD): 851013

TIME COLLECTION BEGAN (24 hour clock): 1008

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn Rsmart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GS 85 0314

FORM TYPE:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
Total Organic Halogen		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 SO 054

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: B-57

DATE COLLECTION BEGAN (YYMMDD): 850813

TIME COLLECTION BEGAN (24 hour clock): 1022

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: ☒ USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 ☒ LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O (A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II)

BASE SAMPLE NUMBER: GS 85 0315

FORM TYPE:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP C		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
✓ Total Organic Halogens		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	**GROUP H**		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		**GROUP G**		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730		
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760		
Cadmium	01027	Iodide	71865	2,4,5-T	39740		
Calcium	00916	Odor	00086				
Chromium, Total	01034	Residue, Total	00500				
Chromium VI	01032	Residue, Filterable (TDS)	70300	**GROUP J**			
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 50 063

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-15

DATE COLLECTION BEGAN (YYMMDD): 810918

TIME COLLECTION BEGAN (24 hour clock): 1035

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GS 85 03 16

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086										
	Chemical Oxygen Demand 00340	X	Iron 01045		Residue, Volatile 00505										
	Kjeldahl Nitrogen 00625	X	Lead 01051		Silica 00955										
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095										
	Nitrite 00615		Manganese 01055		Sulfate 00945										
	Oil & Grease 00560	X	Mercury 71900		Sulfite 00740										
	Organic Carbon 00680	X	Nickel 01067		Surfactants -MBAS 38260										
	Orthophosphate 00671		Potassium 00937		Turbidity 00076										
	Phosphorus, Total 00665	X	Selenium 01147												
X	Tot Organic Halogen	X	Silver 01077												
X	GROUP D		Sodium 00929										GROUP H		
	Cyanide, Total 00720		Thallium 01059										BHC Isomers 39340		Bromoform 32104
	Cyanide, Free 00722	X	Zinc 01092										Chlordane 39350		Bromodichloromethane 32101
													DDT Isomers 39370		Carbon Tetrachloride 32102
													Dieldrin 39380		Chloroform 32106
	GROUP E		GROUP G						GROUP F				Endrin 39390		Chloromethane 34418
X	Phenols 32730		Acidity, Total 70508										Heptachlor 39410		Dibromochloromethane 32105
			Alkalinity, Total 00410										Heptachlor Epoxide 39420		Methylene Chloride 34423
			Alkalinity, Bicarbonate 00425										Lindane 39782		Tetrachloroethylene 34475
			Bromide 71870										Methoxychlor 39480		1,1,1-Trichloroethane 34506
			Carbon Dioxide 00405										Toxaphene 39400		Trichloroethylene 39180
			Chloride 00940										2,4-D 39730		Trihalomethanes 82080
			Color 00080										2,4,5-TP-Silvex 39760		PCBs 39516
			Fluoride 00951										2,4,5-T 39740		
			Iodide 71865												
			Odor 00086												
			Residue, Total 00500												
			Residue, Filterable (TDS) 70300										GROUP J		
			Residue, Nonfilterable 00530										Sulfides 00745		

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 [redacted] 0 6 3

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: IS-B-17

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 8 1 3

TIME COLLECTION BEGAN (24 hour clock): 1040

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G S 8 5 0 3 1 7

OEHL USE ONLY

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP B			GROUP C			GROUP T	
	Ammonia	00610		Hardness	00900		Residue, Settleable	50086		Bromoform	32104
	Chemical Oxygen Demand	00340	X	Iron	01045		Residue, Volatile	00505		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	X	Lead	01051		Silica	00955		Carbon Tetrachloride	32102
	Nitrate	00620		Magnesium	00927		Specific Conductance	00095		Chloroform	32106
	Nitrite	00615		Manganese	01055		Sulfate	00945		Chloromethane	34418
	Oil & Grease	00560	X	Mercury	71900		Sulfite	00740		Dibromochloromethane	32105
	Organic Carbon	00680	X	Nickel	01067		Surfactants - MBAS	38260		Methylene Chloride	34423
	Orthophosphate	00671		Potassium	00937		Turbidity	00076		Tetrachloroethylene	34475
	Phosphorus, Total	00665	X	Selenium	01147					1,1,1-Trichloroethane	34506
X	Total Organic Halogen		X	Silver	01077					Trichloroethylene	39180
	GROUP D			Sodium	00929		GROUP H			Trihalomethanes	82080
	Cyanide, Total	00720		Thallium	01059		BHC Isomers	39340		PCBs	39516
	Cyanide, Free	00722	X	Zinc	01092		Chlordane	39350			
							DDT Isomers	39370			
	GROUP E			GROUP G			Dieldrin	39380			
X	Phenols	32730		Acidity, Total	70508		Endrin	39390			
				Alkalinity, Total	00410		Heptachlor	39410			
	GROUP F			Alkalinity, Bicarbonate	00425		Heptachlor Epoxide	39420			
	Antimony	01097		Bromide	71870		Lindane	39782			
X	Arsenic	01002		Carbon Dioxide	00405		Methoxychlor	39480			
X	Barium	01007		Chloride	00940		Toxaphene	39400			
	Beryllium	01012		Color	00080		2,4-D	39730		ON SITE ANALYSES	
	Boron	01022		Fluoride	00951		2,4,5-TP-Silvex	39760		Parameter	Value
X	Cadmium	01027		Iodide	71865		2,4,5-T	39740		Flow 50050	mgd
	Calcium	00916		Odor	00086					Chlorine, Total 50060	mg/l
X	Chromium, Total	01034		Residue, Total	00500					Dissolved Oxygen 00300	mg/l
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J			pH 00400	units
X	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745		Temperature 00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 S 0 C 4

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: IS-B-18

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 8 1 3

TIME COLLECTION BEGAN (24 hour clock): 1231

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1: 0 1 S 7 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBTON MC)

SIGNATURE: Glenn R Smart

AUTOVON

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, H-HPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G S 8 5 0 3 1 B

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A				GROUP B				GROUP T
	Ammonia	00610		Hardness	00900		Residue, Settleable	00545	Bromoform 32104
	Chemical Oxygen Demand	00340	X	Iron	01045		Residue, Volatile	00505	Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	X	Lead	01051		Silica	00955	Carbon Tetrachloride 32102
	Nitrate	00620		Magnesium	00927		Specific Conductance	00095	Chloroform 32106
	Nitrite	00615		Manganese	01055		Sulfate	00945	Chloromethane 34418
	Oil & Grease	00560	X	Mercury	71900		Sulfide	00740	Dibromochloromethane 32105
	Organic Carbon	00680	X	Nickel	01067		Surfactants - MBAS	38260	Methylene Chloride 34423
	Orthophosphate	00671		Potassium	00937		Turbidity	00076	Tetrachloroethylene 34475
	Phosphorus, Total	00665	X	Selenium	01147				1,1,1-Trichloroethane 34506
X	Total Organic Halogen		X	Silver	01077				Trichloroethylene 39180
	GROUP D			Sodium	00929		GROUP H		Trihalomethanes 32000
	Cyanide, Total	00720		Thallium	01059		BHC Isomers	39340	PCBs 39516
	Cyanide, Free	00722	X	Zinc	01092		Chlordane	39350	
							DDT Isomers	39370	
	GROUP E			GROUP G			Dieldrin	39380	
X	Phenols	32730		Acidity, Total	70508		Endrin	39390	
				Alkalinity, Total	00410		Heptachlor	39410	
	GROUP F			Alkalinity, Bicarbonate	00425		Heptachlor Epoxide	39420	
	Antimony	01097		Bromide	71870		Lindane	39782	
X	Arsenic	01002		Carbon Dioxide	00405		Methoxychlor	39480	
X	Barium	01007		Chloride	00940		Toxaphene	39400	
	Beryllium	01012		Color	00080		2,4-D	39730	ON SITE ANALYSES
	Boron	01022		Fluoride	00951		2,4,5-TP-Silvex	39760	Parameter / Value
X	Cadmium	01027		Iodide	71865		2,4,5-T	39740	Flow 50050 mgd
	Calcium	00916		Odor	00086				Chlorine, Total 50060 mg/l
X	Chromium, Total	01034		Residue, Total	00500				Dissolved Oxygen 00300 mg/l
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J		pH 00400 units
X	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745	Temperature 00010 °C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 S 0 0 5 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-19

DATE COLLECTION BEGAN (YY MM DD): 8 5 0 8 1 3

TIME COLLECTION BEGAN (24 hour clock): 1245

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (Include if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBSTER MC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT
R-ROUTINE/PERIODIC
C-COMPLAINT
N-NPDES
F-FOLLOWUP/CLEANUP
O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: G S 8 5 0 3 1 9

LOCAL USE

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097		Acidity, Total 70508		BHC Isomers 39340		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370		Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380		Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390		Chloromethane 34418
	Oil & Grease 00560						Cadmium 01027		Chloride 00940		Heptachlor 39410		Dibromochloromethane 32105
	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420		Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782		Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865		Methoxychlor 39480		1,1,1-Trichloroethane 34506
X	Total Organic Halogen						Copper 01042		Odor 00086		Toxaphene 39400		Trichloroethylene 39180
									Residue, Total 00500		2,4-D 39730		Trihalomethanes 82080
									Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760		PCBs 39516
									Residue, Nonfilterable 00530		2,4,5-T 39740		

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T
	Hardness 00900										Residue, Settleable 50086		
X	Iron 01045										Residue, Volatile 00505		
X	Lead 01051										Silica 00955		
	Magnesium 00927										Specific Conductance 00095		
	Manganese 01055										Sulfate 00945		
X	Mercury 71900										Sulfite 00740		
X	Nickel 01067										Surfactants -MBAS 38260		
	Potassium 00937										Turbidity 00076		
X	Selenium 01147												
X	Silver 01077												
	Sodium 00929												
	Thallium 01059												
X	Zinc 01092												

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 SO 056

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-22

DATE COLLECTION BEGAN (YYMMDD): 870113

TIME COLLECTION BEGAN (24 hour clock): 1303

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: 6S 85 03 20

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A					
	Ammonia	00610				
	Chemical Oxygen Demand	00340				
	Kjeldahl Nitrogen	00625				
	Nitrate	00620				
	Nitrite	00615				
	Oil & Grease	00560				
	Organic Carbon	00680				
	Orthophosphate	00671				
	Phosphorus, Total	00665				
X	Field Cyanide Hydrazine					

	GROUP D					
X	Cyanide, Total	00720				
	Cyanide, Free	00722				

	GROUP E					
X	Phenols	32730				

	GROUP F					
	Antimony	01097				
X	Arsenic	01002				
X	Barium	01007				
	Beryllium	01012				
	Boron	01022				
X	Cadmium	01027				
	Calcium	00916				
X	Chromium, Total	01034				
	Chromium VI	01032				
X	Copper	01042				

	Hardness	00900				
X	Iron	01045				
X	Lead	01051				
	Magnesium	00927				
	Manganese	01055				
X	Mercury	71900				
X	Nickel	01067				
	Potassium	00937				
X	Selenium	01147				
X	Silver	01077				
	Sodium	00929				
	Thallium	01059				
X	Zinc	01092				

	GROUP G					
	Acidity, Total	70508				
	Alkalinity, Total	00410				
	Alkalinity, Bicarbonate	00425				
	Bromide	71870				
	Carbon Dioxide	00405				
	Chloride	00940				
	Color	00080				
	Fluoride	00951				
	Iodide	71865				
	Odor	00086				
	Residue, Total	00500				
	Residue, Filterable (TDS)	70300				
	Residue, Nonfilterable	00530				

	Residue, Settleable	50086				
	Residue, Volatile	00505				
	Silica	00955				
	Specific Conductance	00095				
	Sulfate	00945				
	Sulfite	00740				
	Surfactants -MBAS	38260				
	Turbidity	00076				

	GROUP H					
	BHC Isomers	39340				
	Chlordane	39350				
	DDT Isomers	39370				
	Dieldrin	39380				
	Endrin	39390				
	Heptachlor	39410				
	Heptachlor Epoxide	39420				
	Lindane	39782				
	Methoxychlor	39480				
	Toxaphene	39400				
	2,4-D	39730				
	2,4,5-TP-Silvex	39760				
	2,4,5-T	39740				

	GROUP J					
	Sulfides	00745				

	GROUP T					
	Bromoform	32104				
	Bromodichloromethane	32101				
	Carbon Tetrachloride	32102				
	Chloroform	32106				
	Chloromethane	34418				
	Dibromochloromethane	32105				
	Methylene Chloride	34423				
	Tetrachloroethylene	34475				
	1,1,1-Trichloroethane	34506				
	Trichloroethylene	39180				
	Trihalomethanes	82080				
	PCBs	39516				

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400		units
Temperature	00010		°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 50 05

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: TA-2

DATE COLLECTION BEGAN (YYMMDD): 18 5 C 18 1 13

TIME COLLECTION BEGAN (24 hour clock): 13 15

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)

ORIGINAL	USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1 (0157)	LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2	

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6 5 85 0 3 2 1

OEHL-TIN

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Bromoform	32104
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370	Carbon Tetrachloride	32102
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380	Chloroform	32106
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390	Chloromethane	34418
Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410	Dibromochloromethane	32105
X Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420	Methylene Chloride	34423
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782	Tetrachloroethylene	34475
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480	1,1,1-Trichloroethane	34506
						Copper	01042	Odor	00086	Toxaphene	39400	Trichloroethylene	39180
								Residue, Total	00500	2,4-D	39730	Trihalomethanes	82080
								Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760	PCBs	39516
								Residue, Nonfilterable	00530	2,4,5-T	39740		
										Sulfides	00745		

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DENL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-9): 0 1 S 7 S 0 0 6 0

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-8

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 8 1 4

TIME COLLECTION BEGAN (24 hour clock): 1008

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: G S 8 5 0 3 2 2

LOCN. TYP.

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
	Oil & Grease 00560		Mercury 71900		Sulfide 00740		Dibromochloromethane 32105
	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
X	Total organic halogens		Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		Chlordane 39350		
					DDT Isomers 39370		
	GROUP E		GROUP G		Dieldrin 39380		
	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760		
	Cadmium 01027		Iodide 71865		2,4,5-T 39740		
	Calcium 00916		Odor 00086				
	Chromium, Total 01034		Residue, Total 00500				
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		

ON SITE ANALYSES		
	Parameter	Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-9): 0157 SO 060

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-9

DATE COLLECTION BEGAN (YYMMDD): 18 5 01 8 1 4

TIME COLLECTION BEGAN (24 hour clock): 1022

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1 (0157): LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GS 85 0323

OEHL USE ONLY

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP A		GROUP A		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chlorofom	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
X Total organic halogens		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	**GROUP H**		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		**GROUP G**		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730		
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760		
Cadmium	01027	Iodide	71865	2,4,5-T	39740		
Calcium	00916	Odor	00086				
Chromium, Total	01034	Residue, Total	00500				
Chromium VI	01032	Residue, Filterable (TDS)	70300	**GROUP J**			
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-9): 0157 S0 061

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-10

DATE COLLECTION BEGAN (YYMMDD): 18,5,0,8,1,4

TIME COLLECTION BEGAN (24 hour clock): 1035

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (Initials if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GS 85 032 4

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
X Total organic halogen		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 SO 061

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-11

DATE COLLECTION BEGAN (YYMMDD): 18 5 10 8 11 41

TIME COLLECTION BEGAN (24 hour clock): 1042

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GS 85 0325

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610		Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340		Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625		Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620		Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615		Mercury	71900		Sulfite	00740		Chloromethane	34418
	Oil & Grease	00560		Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
	Organic Carbon	00680		Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671		Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665		Silver	01077					1,1,1-Trichloroethane	34506
X	Total organic halogens			Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D			Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720		Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722					DDT Isomers	39370			
							Dieldrin	39380			
	GROUP E			GROUP G			Endrin	39390			
	Phenols	32730		Acidity, Total	70508		Heptachlor	39410			
				Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F			Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097		Bromide	71870		Methoxychlor	39480			
	Arsenic	01002		Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007		Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012		Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022		Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027		Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916		Odor	00086					Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034		Residue, Total	00500					pH 00400	units
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	°C
	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745			

COMMENTS: TOX only

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 SO 066

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-24

DATE COLLECTION BEGAN (YYMMDD): 15 07 14

TIME COLLECTION BEGAN (24 hour clock): 1055

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check M - changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GS 85 0326

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340	X	Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625	X	Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
	Oil & Grease 00560	X	Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
	Organic Carbon 00680	X	Nickel 01067		Surfactants - MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665	X	Selenium 01147				1,1,1-Trichloroethane 34506
X	Total organic halogens	X	Silver 01077		GROUP H		Trichloroethylene 39180
	GROUP D		Sodium 00929		BHC Isomers 39340		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		Chlordane 39350		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		DDT Isomers 39370		
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
X	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
✓	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
✓	Barium 01007		Chloride 00940		2,4-D 39730		
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		
	Boron 01022		Fluoride 00951		2,4,5-T 39740		
✓	Cadmium 01027		Iodide 71865				
	Calcium 00916		Odor 00086				
✓	Chromium, Total 01034		Residue, Total 00500				
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		
X	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		

ON SITE ANALYSES

Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	units
Temperature 00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 SO 052

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SS-B-1

DATE COLLECTION BEGAN (YR/MO/DY): 18 / 05 / 08 / 14

TIME COLLECTION BEGAN (24 hour clock): 1113

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, H-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: SS 85 0327

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A				GROUP B				GROUP T	
	Ammonia	00610		Hardness	00900		Residue, Settleable	50086	Bromoform	32104
	Chemical Oxygen Demand	00340	X	Iron	01045		Residue, Volatile	00505	Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	X	Lead	01051		Silica	00955	Carbon Tetrachloride	32102
	Nitrate	00620		Magnesium	00927		Specific Conductance	00095	Chloroform	32106
	Nitrite	00615		Manganese	01055		Sulfate	00945	Chloromethane	34418
	Oil & Grease	00560	X	Mercury	71900		Sulfite	00740	Dibromochloromethane	32105
	Organic Carbon	00680	X	Nickel	01067		Surfactants -MBAS	38260	Methylene Chloride	34423
	Orthophosphate	00671		Potassium	00937		Turbidity	00076	Tetrachloroethylene	34475
	Phosphorus, Total	00665	X	Selenium	01147				1,1,1-Trichloroethane	34506
X	Total cyanide halogens		X	Silver	01077				Trichloroethylene	39180
	GROUP D			Sodium	00929		GROUP H		Trihalomethanes	82080
	Cyanide, Total	00720		Thallium	01059		BHC Isomers	39340	PCBs	39516
	Cyanide, Free	00722		Zinc	01092		Chlordane	39350	X See attachment	
							DDT Isomers	39370		
	GROUP E			GROUP G			Dieldrin	39380		
X	Phenols	32730		Acidity, Total	70508		Endrin	39390		
				Alkalinity, Total	00410		Heptachlor	39410		
	GROUP F			Alkalinity, Bicarbonate	00425		Heptachlor Epoxide	39420		
	Antimony	01097		Bromide	71870		Lindane	39782		
X	Arsenic	01002		Carbon Dioxide	00405		Methoxychlor	39480		
X	Barium	01007		Chloride	00940		Toxaphene	39400		
	Beryllium	01012		Color	00080		2,4-D	39730	ON SITE ANALYSES	
	Boron	01022		Fluoride	00951		2,4,5-TP-Silvex	39760	Parameter	Value
X	Cadmium	01027		Iodide	71865		2,4,5-T	39740	Flow 50050	mgd
	Calcium	00916		Odor	00086				Chlorine, Total 50060	mg/l
X	Chromium, Total	01034		Residue, Total	00500				Dissolved Oxygen 00300	mg/l
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J		pH 00400	units
X	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745	Temperature 00010	°C

COMMENTS

AF FORM JAN 81 2752

TABLE 3

CHEMICAL PARAMETERS FOR VOC ANALYSIS

Purgeable Halocarbons, EPA Method 601	Purgeable Aromatics, EPA Method 602
Bromodichloromethane	Benzene
Bromoform	Chlorobenzene
Bromomethane	1,2-Dichlorobenzene
Carbon tetrachloride	1,3-Dichlorobenzene
Chlorobenzene	1,4-Dichlorobenzene
Chloroethane	Ethylbenzene
2-Chloroethylvinyl ether	Toluene
Chloroform	
Chloromethane	
Dibromochloromethane	
1-2-Dichlorobenzene	
1,3-Dichlorobenzene	
1,4-Dichlorobenzene	
Dichlorodifluoromethane	
1,1-Dichloroethane	
1,2-Dichloroethane	
1,1-Dichloroethene	
trans-1,2-Dichloroethene	
1,2-Dichloropropane	
cis-1,3-Dichloropropene	
trans-1,3-Dichloropropene	
Methylene chloride	
1,1,2,2-Tetrachloroethane	
Tetrachloroethene	
1,1,1-Trichloroethane	
1,1,2-Trichloroethane	
Trichloroethene	
Trichlorofluoromethane	
Vinyl chloride	

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 NA 0 6 0

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: TA-1

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 8 1 4

TIME COLLECTION BEGAN (24 hour clock): 0952

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)

ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX

COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT
R-ROUTINE/PERIODIC
C-COMPLAINT
N-NPDES
F-FOLLOWUP/CLEANUP
O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 3 2 8

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chlorofoam 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
			Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		Chlordane 39350		
					DDT Isomers 39370		
	GROUP E		GROUP G		Dieldrin 39380		
	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760		
	Cadmium 01027		Iodide 71865		2,4,5-T 39740		
	Calcium 00916		Odor 00086				
	Chromium, Total 01034		Residue, Total 00500				
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 PG 006

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: Smith PW-1

DATE COLLECTION BEGAN (YYMMDD): 850305

TIME COLLECTION BEGAN (24 hour clock): 0845

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: 0 (A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II)

BASE SAMPLE NUMBER: GP 85 0348 OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370	X See Attachment	
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	CONDUCTIVITY	μmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 P G 0 0 7

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: Haven PW-3

DATE COLLECTION BEGAN (YR MO DA): 8 5 0 9 0 5

TIME COLLECTION BEGAN (24 hour clock): 0857

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: E O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G P 8 5 0 3 5 0

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900
Ammonia	00610	Iron	01045
Chemical Oxygen Demand	00340	Lead	01051
Kjeldahl Nitrogen	00625	Magnesium	00927
Nitrate	00620	Manganese	01055
Nitrite	00615	Mercury	71900
Oil & Grease	00560	Nickel	01067
Organic Carbon	00680	Potassium	00937
Orthophosphate	00671	Selenium	01147
Phosphorus, Total	00665	Silver	01077
		Sodium	00929

GROUP D		Thallium	01059
Cyanide, Total	00720	Zinc	01092
Cyanide, Free	00722		

GROUP E		GROUP G	
Phenols	32730	Acidity, Total	70508
		Alkalinity, Total	00410

GROUP F		Alkalinity, Bicarbonate	00425
Antimony	01097	Bromide	71870
Arsenic	01002	Carbon Dioxide	00405
Barium	01007	Chloride	00940
Beryllium	01012	Color	00080
Boron	01022	Fluoride	00951
Cadmium	01027	Iodide	71865
Calcium	00916	Odor	00086
Chromium, Total	01034	Residue, Total	00500
Chromium VI	01032	Residue, Filterable (TDS)	70300
[illegible]	01042	Residue, Nonfilterable	00530

		Residue, Settleable	50086
		Residue, Volatile	00505
		Silica	00955
		Specific Conductance	00095
		Sulfate	00945
		Sulfite	00740
		Surfactants - MBAS	38260
		Turbidity	00076

GROUP H		BHC Isomers	39340
		Chlordane	39350
		DDT Isomers	39370
		Dieldrin	39380
		Endrin	39390
		Heptachlor	39410
		Heptachlor Epoxide	39420
		Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
		2,4-D	39730
		2,4,5-TP-Silvex	39760
		2,4,5-T	39740

GROUP J		Sulfides	00745

GROUP T		Bromoform	32104
		Bromodichloromethane	32101
		Carbon Tetrachloride	32102
		Chloroform	32106
		Chloromethane	34418
		Dibromochloromethane	32105
		Methylene Chloride	34423
		Tetrachloroethylene	34475
		1,1,1-Trichloroethane	34506
		Trichloroethylene	39180
		Trihalomethanes	82080
		PCBs	39516

X See Attachment

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C
CONDUCTIVITY		μ mhos

COMMENTS

AF [illegible] 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 GA 0008

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: PW-4 MMS-1

DATE COLLECTION BEGAN (YYMMDD): 850905

TIME COLLECTION BEGAN (24 hour clock): 0904

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GA 85 0351

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP A		GROUP A		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP B		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350	X See Attachment	
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730		
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760		
Cadmium	01027	Iodide	71865	2,4,5-T	39740		
Calcium	00916	Odor	00086				
Chromium, Total	01034	Residue, Total	00500				
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J			
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C
CONDUCTIVITY		μmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 RG 0009

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: PM-5 MMS-2

DATE COLLECTION BEGAN (YR MO DD): 18 05 09 05

TIME COLLECTION BEGAN (24 hour clock): 0915

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: E O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GA 85 03 52

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
	Oil & Grease 00560		Mercury 71900		Dibromochloromethane 32105
	Organic Carbon 00680		Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
			Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		X See Attachment
	GROUP E		GROUP G		
	Phenols 32730		Acidity, Total 70508		
			Alkalinity, Total 00410		
	GROUP F		Alkalinity, Bicarbonate 00425		
	Antimony 01097		Bromide 71870		
	Arsenic 01002		Carbon Dioxide 00405		
	Barium 01007		Chloride 00940		
	Beryllium 01012		Color 00080		
	Boron 01022		Fluoride 00951		
	Cadmium 01027		Iodide 71865		
	Calcium 00916		Odor 00086		
	Chromium, Total 01034		Residue, Total 00500		
	Chromium VI 01032		Residue, Filterable (TDS) 70300		
	Copper 01042		Residue, Nonfilterable 00530		

	GROUP H
	BHC Isomers 39340
	Chlordane 39350
	DDT Isomers 39370
	Dieldrin 39380
	Endrin 39390
	Heptachlor 39410
	Heptachlor Epoxide 39420
	Lindane 39782
	Methoxychlor 39480
	Toxaphene 39400
	2,4-D 39730
	2,4,5-TP-Silvex 39760
	2,4,5-T 39740

	GROUP J
	Sulfides 00745

ON SITE ANALYSES		
	Parameter	Value
	Flow 50050	mgd
	Chlorine, Total 50060	mg/l
	Dissolved Oxygen 00300	mg/l
	pH 00400	units
	Temperature 00010	°C
	CONDUCTIVITY	μmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157PB010

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: Loomis / PW-6

DATE COLLECTION BEGAN (YYMMDD): 850109

TIME COLLECTION BEGAN (24 hour clock): 1042

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 30
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GP85035 3

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370	X	See Attachment
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 — mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060 — mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300 — mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400 — units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		CONDUCTIVITY — μmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 - 5

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-5

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 6 0 5

TIME COLLECTION BEGAN (24 hour clock): 1335

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)

ORIGINAL		USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1	0 1 S 7	LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2		

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 30

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 3 4 6 OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
	Oil & Grease 00560		Mercury 71900		Dibromochloromethane 32105
	Organic Carbon 00680		Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
			Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		PCBs 39516
X	Cyanide, Free 00722		Zinc 01092		
	GROUP E		GROUP G		
	Phenols 32730		Acidity, Total 70508		
			Alkalinity, Total 00410		
	GROUP F		Alkalinity, Bicarbonate 00425		
	Antimony 01097		Bromide 71870		
	Arsenic 01002		Carbon Dioxide 00405		
	Barium 01007		Chloride 00940		
	Beryllium 01012		Color 00080		
	Boron 01022		Fluoride 00951		
	Cadmium 01027		Iodide 71865		
	Calcium 00916		Odor 00086		
	Chromium, Total 01034		Residue, Total 00500		
	Chromium VI 01032		Residue, Filterable (TDS) 70300		
	Copper 01042		Residue, Nonfilterable 00530		

	GROUP H		GROUP J
	BHC Isomers 39340		Sulfides 00745
	Chlordane 39350		
	DDT Isomers 39370		
	Dieldrin 39380		
	Endrin 39390		
	Heptachlor 39410		
	Heptachlor Epoxide 39420		
	Lindane 39782		
	Methoxychlor 39480		
	Toxaphene 39400		
	2,4-D 39730		
	2,4,5-TP-Silvex 39760		
	2,4,5-T 39740		
X	See Attachment		

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	____ units
Temperature	00010	15 °C
CONDUCTIVITY		225 μmhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-9): 0157 NA 24

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-32

DATE COLLECTION BEGAN (YYMMDD): 850103

TIME COLLECTION BEGAN (24 hour clock): 1243

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O (A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II)

BASE SAMPLE NUMBER: GW 85 0347

OEHL TRK NO.

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP C		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350	X See Attachment	
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730		
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760		
Cadmium	01027	Iodide	71865	2,4,5-T	39740		
Calcium	00916	Odor	00086				
Chromium, Total	01034	Residue, Total	00500				
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J			
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	150 °C
Spec. Cond.		150 µmhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 044

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-4

DATE COLLECTION BEGAN (YY MM DD): 85 08 05

TIME COLLECTION BEGAN (24 hour clock): 1035

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn Robert Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 03 36

OEHL PD

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T		
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform	32104	
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane	32101	
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102	
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform	32106	
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane	34418	
	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105	
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride	34423	
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene	34475	
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane	34506	
			Sodium	00929		GROUP H			Trichloroethylene	39180	
X	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080	
X	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs	39516	
	Cyanide, Free	00722				DDT Isomers	39370				
						Dieldrin	39380				
	GROUP E		GROUP G			Endrin	39390				
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410				
			Alkalinity, Total	00410		Heptachlor Epoxide	39420				
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782				
	Antimony	01097	Bromide	71870		Methoxychlor	39480				
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400				
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES		
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter		Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow	50050	mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total	50060	mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen	00300	mg/l
	Chromium, Total	01034	Residue, Total	00500					pH	00400	units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature	00010	18 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		CONDUCTIVITY		320 μ mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 1 4

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-6

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 9 0 5

TIME COLLECTION BEGAN (24 hour clock): 1040

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle all that apply)

ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX

COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: S

A-ACCIDENT/INCIDENT
R-ROUTINE/PERIODIC
C-COMPLAINT
N-NPDES
F-FOLLOWUP/CLEANUP
O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G W 8 5 0 3 3 7

(OEHL TED)

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane	34418
	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane	32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane	34506
			Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
X	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722				DDT Isomers	39370			
						Dieldrin	39380			
	GROUP E		GROUP G			Endrin	39390			
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410			
			Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097	Bromide	71870		Methoxychlor	39480			
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400	units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	22 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		CONDUCTIVITY	215 μmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 043

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-7

DATE COLLECTION BEGAN (YYMMDD): 850109

TIME COLLECTION BEGAN (24 hour clock): 1042

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 30

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0338 OEHL P10

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T
	Ammonia 00610		Cyanide, Total 00720	X	Phenols 32730		Antimony 01097		Acidity, Total 70508		BHC Isomers 39340		Sulfides 00745		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350				Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370				Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380				Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390				Chloromethane 34418
	Oil & Grease 00560						Cadmium 01027		Chloride 00940		Heptachlor 39410				Dibromochloromethane 32105
	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420				Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782				Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865	X	Methoxychlor 39480				1,1,1-Trichloroethane 34506
							Copper 01042		Odor 00086		Toxaphene 39400				Trichloroethylene 39180
									Residue, Total 00500		2,4-D 39730				Tribalomethanes 32080
									Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760				PCBs 39516
									Residue, Nonfilterable 00530		2,4,5-T 39740				

See Attachment

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	19 °C
CONDUCTIVITY		480 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 014

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-8

DATE COLLECTION BEGAN (YYMMDD): 850910

TIME COLLECTION BEGAN (24 hour clock): 1031

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)

ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX

COPY 1 (0157): LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0339

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
	Oil & Grease 00560		Mercury 71900		Dibromochloromethane 32105
	Organic Carbon 00680		Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
			Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929		Trihalomethanes 82080
X	Cyanide, Total 00720		Thallium 01059		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		
	GROUP E		GROUP G		
	Phenols 32730		Acidity, Total 70508		
			Alkalinity, Total 00410		
	GROUP F		Alkalinity, Bicarbonate 00425		
	Antimony 01097		Bromide 71870		
	Arsenic 01002		Carbon Dioxide 00405		
	Barium 01007		Chloride 00940		
	Beryllium 01012		Color 00080		
	Boron 01022		Fluoride 00951		
	Cadmium 01027		Iodide 71865		
	Calcium 00916		Odor 00086		
	Chromium, Total 01034		Residue, Total 00500		
	Chromium VI 01032		Residue, Filterable (TDS) 70300		
	Copper 01042		Residue, Nonfilterable 00530		

	GROUP H		GROUP J
	Residue, Settleable 50086		
	Residue, Volatile 00505		
	Silica 00955		
	Specific Conductance 00095		
	Sulfate 00945		
	Sulfite 00740		
	Surfactants - MBAS 38260		
	Turbidity 00076		
	GROUP H		
	BHC Isomers 39340		
	Chlordane 39350		
	DDT Isomers 39370		
	Dieldrin 39380		
	Endrin 39390		
	Heptachlor 39410		
	Heptachlor Epoxide 39420		
	Lindane 39782		
	Methoxychlor 39480		
	Toxaphene 39400		
	2,4-D 39730		
	2,4,5-TP-Silvex 39760		
	2,4,5-T 39740		

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 1 4

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-9

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 9 0 5

TIME COLLECTION BEGAN (24 hour clock): 1028

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G W 8 5 0 3 4 0

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610		X Cyanide, Total 00720		Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002
	Kjeldahl Nitrogen 00625						Barium 01007
	Nitrate 00620						Beryllium 01012
	Nitrite 00615						Boron 01022
	Oil & Grease 00560						Cadmium 01027
	Organic Carbon 00680						Calcium 00916
	Orthophosphate 00671						Chromium, Total 01034
	Phosphorus, Total 00665						Chromium VI 01032
							Copper 01042

	Hardness 00900		Residue, Settleable 50086		GROUP T
	Iron 01045		Residue, Volatile 00505		Bromoform 32104
	Lead 01051		Silica 00955		Bromodichloromethane 32101
	Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Manganese 01055		Sulfate 00945		Chloroform 32106
	Mercury 71900		Sulfite 00740		Chloromethane 34418
	Nickel 01067		Surfactants -MBAS 38260		Dibromochloromethane 32105
	Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Selenium 01147				Tetrachloroethylene 34475
	Silver 01077				1,1,1-Trichloroethane 34506
	Sodium 00929		GROUP H		Trichloroethylene 39180
	Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Zinc 01092		Chlordane 39350		PCBs 39516
			DDT Isomers 39370		
			Dieldrin 39380		
	GROUP G		Endrin 39390		
	Acidity, Total 70508		Heptachlor 39410		
	Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	Alkalinity, Bicarbonate 00425		Lindane 39782		
	Bromide 71870		Methoxychlor 39480		
	Carbon Dioxide 00405		Toxaphene 39400		
	Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Fluoride 00951		2,4,5-T 39740		Flow 50050 — mgd
	Iodide 71865				Chlorine, Total 50060 — mg/l
	Odor 00086				Dissolved Oxygen 00300 — mg/l
	Residue, Total 00500				pH 00400 — [illegible] units
	Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 — 22 °C
	Residue, Nonfilterable 00530		Sulfides 00745		CONDUCTIVITY — 210 μmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 1 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-13

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 9 0 5

TIME COLLECTION BEGAN (24 hour clock): 1128

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G W 8 5 0 3 4 1

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T	
Ammonia	00610	X Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Bromoform	32104
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370	Carbon Tetrachloride	32102
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380	Chloroform	32106
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390	Chloromethane	34418
Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410	Dibromochloromethane	32105
Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420	Methylene Chloride	34423
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782	Tetrachloroethylene	34475
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480	1,1,1-Trichloroethane	34506
						Copper	01042	Odor	00086	Toxaphene	39400	Trichloroethylene	39180
								Residue, Total	00500	2,4-D	39730	Trihalomethanes	82080
								Residue Filterable (TDS)	70300	2,4,5-TP-Silvex	39760	PCBs	39516
								Residue, Nonfilterable	00530	2,4,5-T	39740		
										GROUP J			
										Sulfides	00745		

Hardness	00900
Iron	01045
Lead	01051
Magnesium	00927
Manganese	01055
Mercury	71900
Nickel	01067
Potassium	00937
Selenium	01147
Silver	01077
Sodium	00929
Thallium	01059
Zinc	01092

Residue, Settleable	50086
Residue, Volatile	00505
Silica	00955
Specific Conductance	00095
Sulfate	00945
Sulfite	00740
Surfactants - MBAS	38260
Turbidity	00076

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	22 °C
CONDUCTIVITY		150 μ mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 016

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-14

DATE COLLECTION BEGAN (YYMMDD): 850103

TIME COLLECTION BEGAN (24 hour clock): 1115

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW85034Z

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
			Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
X	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		Chlordane 39350		
					DDT Isomers 39370		
	GROUP E		GROUP G		Dieldrin 39380		
	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760		
	Cadmium 01027		Iodide 71865		2,4,5-T 39740		
	Calcium 00916		Odor 00086				
	Chromium, Total 01034		Residue, Total 00500				
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		

ON SITE ANALYSES		
	Parameter	Value
	Flow 50050	mgd
	Chlorine, Total 50060	mg/l
	Dissolved Oxygen 00300	mg/l
	pH 00400	units
	Temperature 00010	22 °C
	CONDUCTIVITY	115 µmhos

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 01C NA 017

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-15

DATE COLLECTION BEGAN (YYMMDD): 850919

TIME COLLECTION BEGAN (24 hour clock): 1135

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle all that apply)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1 (0157): LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 30 (A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II)

BASE SAMPLE NUMBER: GW 85 03 45

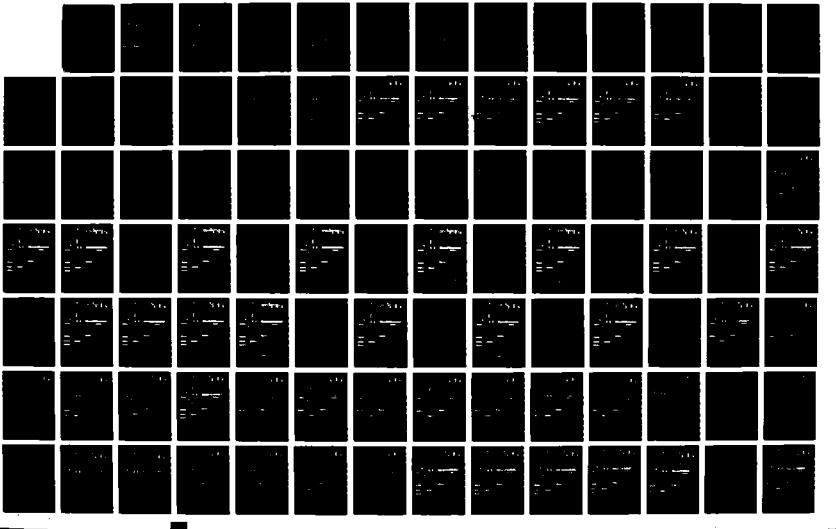
OEHL PID:

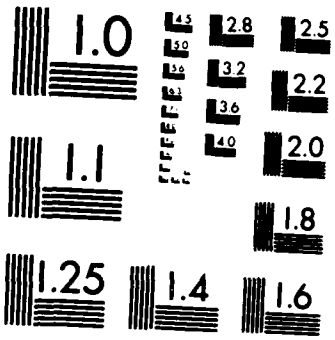
ANALYSES REQUESTED (check appropriate blocks)

| GROUP A | | |

AD-A184 843 INSTALLATION RESTORATION PROGRAM PHASE 2 CONFIRMATION/QUANTIFICATION STAG..(U) WESTON (ROY F) INC WEST CHESTER PA R L KRAYBILL ET AL. AUG 87 8/10

UNCLASSIFIED F33615-84-D-4400 F/G 24/4 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 1 8

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-16

DATE COLLECTION BEGAN (YYMMDD): 18,5,08,10,S

TIME COLLECTION BEGAN (24 hour clock): 1145

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 30 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0344 — OEHL P.D.T.

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
	Oil & Grease 00560		Mercury 71900		Dibromochloromethane 32105
	Organic Carbon 00680		Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
			Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929		Trihalomethanes 82080
X	Cyanide, Total 00720		Thallium 01059		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		
	GROUP E		GROUP G	GROUP H	
	Phenols 32730		Acidity, Total 70508	BHC Isomers 39340	
			Alkalinity, Total 00410	Chlordane 39350	
	GROUP F		Alkalinity, Bicarbonate 00425	DDT Isomers 39370	
	Antimony 01097		Bromide 71870	Dieldrin 39380	
	Arsenic 01002		Carbon Dioxide 00405	Endrin 39390	
	Barium 01007		Chloride 00940	Heptachlor 39410	
	Beryllium 01012		Color 00080	Heptachlor Epoxide 39420	
	Boron 01022		Fluoride 00951	Lindane 39782	
	Cadmium 01027		Iodide 71865	Methoxychlor 39480	
	Calcium 00916		Odor 00086	Toxaphene 39400	
	Chromium, Total 01034		Residue, Total 00500	2,4-D 39730	
	Chromium VI 01032		Residue, Filterable (TDS) 70300	2,4,5-TP-Silvex 39760	
	Copper 01042		Residue, Nonfilterable 00530	2,4,5-T 39740	
				Sulfides 00745	

	GROUP J
	Residue, Settleable 50086
	Residue, Volatile 00505
	Silica 00955
	Specific Conductance 00095
	Sulfate 00945
	Sulfite 00740
	Surfactants - MBAS 38260
	Turbidity 00076

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400	—	units
Temperature	00010	22	°C
CONDUCTIVITY		1600	µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 1 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SW-32

DATE COLLECTION BEGAN (YY MM DD): 8 5 0 9 0 5

TIME COLLECTION BEGAN (24 hour clock): 1347

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 30
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 03 45

OEHL FID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
X Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	24 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	CONDUCTIVITY	1400 μ mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S 0 0 6 3

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-X 17

DATE COLLECTION BEGAN (YR MO DD): 8 5 0 1 2 3

TIME COLLECTION BEGAN (24 hour clock): 1030

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL — USAF OEH2/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1 — 0157 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2

M. Sutton

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: 6 S 8 5 0 1 3 3

OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP A (cont.)		GROUP D		GROUP E		GROUP F		GROUP G	
Ammonia	00610	Hardness	00900	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508
Chemical Oxygen Demand	00340	Iron	01045	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410
Ejeldahl Nitrogen	00625	Lead	01051					Barium	01007	Alkalinity, Bicarbonate	00425
Nitrate	00620	Magnesium	00927					Beryllium	01012	Bromide	71870
Nitrite	00615	Manganese	01055					Boron	01022	Carbon Dioxide	00405
✓ Oil & Grease	00560	Mercury	71900					Cadmium	01027	Chloride	00940
Organic Carbon	00680	Nickel	01067					Calcium	00916	Color	00080
Orthophosphate	00671	Potassium	00937					Chromium, Total	01034	Fluoride	00951
Phosphorus, Total	00665	Selenium	01147					Chromium VI	01032	Iodide	71865
		Silver	01077					Copper	01042	Odor	00086
		Sodium	00929							Residue, Total	00500
		Thallium	01059							Residue, Filterable (TDS)	70300
		Zinc	01092							Residue, Nonfilterable	00530

GROUP A (cont.)		GROUP H		GROUP T	
Residue, Settleable	50086	BHC Isomers	39340	Bromoform	32104
Residue, Volatile	00505	Chlordane	39350	Bromodichloromethane	32101
Silica	00955	DDT Isomers	39370	Carbon Tetrachloride	32102
Specific Conductance	00095	Dieldrin	39380	Chloroform	32106
Sulfate	00945	Endrin	39390	Chloromethane	34418
Sulfite	00740	Heptachlor	39410	Dibromochloromethane	32105
Surfactants -MBAS	38260	Heptachlor Epoxide	39420	Methylene Chloride	34423
Turbidity	00076	Lindane	39782	Tetrachloroethylene	34475
		Methoxychlor	39480	1,1,1-Trichloroethane	34506
		Toxaphene	39400	Trichloroethylene	39180
GROUP J		2,4-D	39730	Trihalomethanes	82080
Sulfides	00745	2,4,5-TP-Silvex	39760	PCBs	39516
		2,4,5-T	39740	✓ Non	

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S 0 0 6 4

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-1S

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 4 2 3

TIME COLLECTION BEGAN (24 hour clock): 1130

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL, COPY 1, COPY 2

0157 USAF OEH2/SA, BLDG 140, Brooks AFB, TX 78235

LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

M.A. Sutton

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: 6 5 8 5 0 1 3 4

OEHL PD

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP A (cont.)		GROUP B		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370	✓ VOA	
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow 50050	mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		pH 00400	units
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Temperature 00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S O 0 6 5

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 14-B-1

DATE COLLECTION BEGAN (YYMMDD): 8 6 0 4 1 3

TIME COLLECTION BEGAN (24 hour clock): 13:00

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1):
ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
COPY 1: 0157 LT McCOY, USAF HOSP PEASE/SGPB, Pease AFB, NH 03801
COPY 2:

M.A. SuHo.

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: 6 5 F 5 7 0 1 3 5 OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue, Settleable 50086	GROUP T
Ammonia 00610		Iron 01045		Residue, Volatile 00505	Bromoform 32104
Chemical Oxygen Demand 00340		Lead 01051		Silica 00955	Bromodichloromethane 32101
Kjeldahl Nitrogen 00625		Magnesium 00927		Specific Conductance 00095	Carbon Tetrachloride 32102
Nitrate 00620		Manganese 01055		Sulfate 00945	Chloroform 32106
Nitrite 00615		Mercury 71900		Sulfite 00740	Chloromethane 34418
✓ Oil & Grease 00560		Nickel 01067		Surfactants -MBAS 38260	Dibromochloromethane 32105
Organic Carbon 00680		Potassium 00937		Turbidity 00076	Methylene Chloride 34423
Orthophosphate 00671		Selenium 01147			Tetrachloroethylene 34475
Phosphorus, Total 00665		Silver 01077			1,1,1-Trichloroethane 34506
		Sodium 00929	GROUP H		Trichloroethylene 39180
GROUP D		Thallium 01059		BHC Isomers 39340	Trihalomethanes 82080
Cyanide, Total 00720		Zinc 01092		Chlordane 39350	PCBs 39516
Cyanide, Free 00722				DDT Isomers 39370	✓ VOA
				Dieldrin 39380	
GROUP E	GROUP G			Endrin 39390	
Phenols 32730		Acidity, Total 70508		Heptachlor 39410	
		Alkalinity, Total 00410		Heptachlor Epoxide 39420	
GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782	
Antimony 01097		Bromide 71870		Methoxychlor 39480	
Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400	
Barium 01007		Chloride 00940		2,4-D 39730	ON SITE ANALYSES
Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760	Parameter / Value
Boron 01022		Fluoride 00951		2,4,5-T 39740	Flow 50050 — mgd
Cadmium 01027		Iodide 71865			Chlorine, Total 50060 — mg/l
Calcium 00916		Odor 00086			Dissolved Oxygen 00300 — mg/l
Chromium, Total 01034		Residue, Total 00500			pH 00400 — units
Chromium VI 01032		Residue, Filterable (TDS) 70300	GROUP J		Temperature 00010 — °C
Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745	

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 50 0065

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 14-B-4

DATE COLLECTION BEGAN (YYMMDD): 810624

TIME COLLECTION BEGAN (24 hour clock): 1330

COLLECTION METHOD: [✓] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check 1): ORIGINATOR: USAF OEHL/SA, BLDG 140, Brook's AFB, TX 78235

COPY 1: 0157 Lt McCoy, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2:

M.A. Sutton

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: 6SSS0136 OEHL P.O. #

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

		GROUP G	
Hardness	00900	Acidity, Total	70508
Iron	01045	Alkalinity, Total	00410
Lead	01051	Alkalinity, Bicarbonate	00425
Magnesium	00927	Bromide	71870
Manganese	01055	Carbon Dioxide	00405
Mercury	71900	Chloride	00940
Nickel	01067	Color	00080
Potassium	00937	Fluoride	00951
Selenium	01147	Iodide	71865
Silver	01077	Odor	00086
Sodium	00929	Residue, Total	00500
Thallium	01059	Residue, Filterable (TDS)	70300
Zinc	01092	Residue, Nonfilterable	00530

		GROUP H	
Residue, Settleable	50086	EHC Isomers	39340
Residue, Volatile	00505	Chlordane	39350
Silica	00955	DDT Isomers	39370
Specific Conductance	00095	Dieldrin	39380
Sulfate	00945	Endrin	39390
Sulfite	00740	Heptachlor	39410
Surfactants -MBAS	38260	Heptachlor Epoxide	39420
Turbidity	00076	Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
		2,4-D	39730
		2,4,5-TP-Silvex	39760
		2,4,5-T	39740
		GROUP J	
		Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516
V.O.A.	

ON SITE ANALYSES		
Parameter		Value
Flow	50050	-- mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	-- mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 01 57 S 0 0 0 6 5

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 14-B-5

DATE COLLECTION BEGAN (YYMMDD): 87 06 23

TIME COLLECTION BEGAN (24 hour clock): 1500

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL, COPY 1, COPY 2

01 57 USAF OEH2/SA, BLDG 140, Brook's AFB, TX 78235

LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

M.A. Sutton

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify)

BASE SAMPLE NUMBER: 6 S Y S 0 1 3 7 — OEHL P.D.

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380	Specific Conductance	00095	Chloroform	32106
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390	Sulfate	00945	Chloromethane	34418
✓ Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480			1,1,1-Trichloroethane	34506
						Copper	01042	Odor	00086	Toxaphene	39400			Trichloroethylene	39180
								Residue, Total	00500	2,4-D	39730			Trihalomethanes	82080
								Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760			PCBs	39516
								Residue, Nonfilterable	00530	2,4,5-T	39740			✓ VOA	

ON SITE ANALYSES

Parameter		Value	
Flow	50050	--	mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300	--	mg/l
pH	00400		units
Temperature	00010		°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 015h S0 063

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-15

DATE COLLECTION BEGAN (YYMMDD): 850923

TIME COLLECTION BEGAN (24 hour clock): 9:35

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL — USAF OEH2/SA, BLDG 140, Brook's AFB, TX 78235

COPY 1 — 0457 — Lt McCoy, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2

M.A. Sutton

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: 6SF50132 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP C		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
✓ Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350	✓ VOA	
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow 50050	mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		pH 00400	units
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Temperature 00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 SH S 0 0 6 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: BLD 225 15-B-24

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 1 0 5

TIME COLLECTION BEGAN (24 hour clock): 13:00

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL — USAF OEH2/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1 — 0 1 5 7 — ATT: McCoy, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2

M.L. Sutton — Mark Sutton

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NEDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: 6 5 8 5 0 1 4 0 — DEHLPD

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP C		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
✓ Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Tribalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370	✓ VOA	
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730		
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760		
Cadmium	01027	Iodide	71865	2,4,5-T	39740		
Calcium	00916	Odor	00086				
Chromium, Total	01034	Residue, Total	00500				
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J			
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C
HNu		100 ppm

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 8 0 0 5 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: Bld. 113 15-B-22

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 1 2 5

TIME COLLECTION BEGAN (24 hour clock): 945

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check 1): ORIGINAL — USAF OEHL/SA, BLDG 140 Brook's AFB, TX 78235
COPY 1 — 0 7 5 7 — Lt. McCoy, USAF HOSP PEASE/SEPB, Pease AFB, NH 03801
COPY 2

M. A. Sutton — Mark A. Sutton

TYPE OF SUBMISSION: FOR ☐ — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify)

BASE SAMPLE NUMBER: 6 5 8 5 0 1 3 9 — OEHL PD: —

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
✓ Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370	✓ VOA	
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow — 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	HNU	15 ppm

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S 0 0 5 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: BLD 113 15-B-19

DATE COLLECTION BEGAN (YYMMDD): 8 5 1 0 1 6 2 5

TIME COLLECTION BEGAN (24 hour clock): 9:10

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235
COPY 1: 0 7 5 7 — LT McCOY, USAF HOSP PEASE/SEPB PEASE AFB NH 03801
(circle if) COPY 2:

M.A. Sutton (RF Weston inc) — Mark A. Sutton

READY FOR SUBMISSION: ☐
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COURT-LAIRT A-NPDES F-POLLUTE /CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: 6 5 F 5 0 1 3 8 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP A (cont.)		GROUP A (cont.)		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
✓ Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370	✓ N/A	
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow — 50050	mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		pH 00400	units
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Temperature 00010	°C
						HNU	100ppm

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157SO0059

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-5

DATE COLLECTION BEGAN (YYMMDD): 850409

TIME COLLECTION BEGAN (24 hour clock): 1400

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
- COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SEPB, Pease AFB, NH 03801
- COPY 2:

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT C-COMPLAINT F-FOLLOWUP/CLEANUP R-ROUTINE/PERIODIC N-NPDES O-OTHER (specify)

BASE SAMPLE NUMBER: GS85012G

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
✓	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722	✓ METALS			DDT Isomers	39370	✓	TOX
						Dieldrin	39380	✓	VOA
	GROUP E		GROUP G			Endrin	39390		
✓	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		
	Boron	01022	Fluoride	00951		2,4,5-T	39740		
	Cadmium	01027	Iodide	71865					
	Calcium	00916	Odor	00086					
	Chromium, Total	01034	Residue, Total	00500					
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400		units
Temperature	00010		°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S 0 0 5 1

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: 15-B-6

DATE COLLECTION BEGAN (YYMMDD): 8 5 1 0 1 9 1 1 9

TIME COLLECTION BEGAN (24 hour clock): 9:00

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0 4 5 7 — LT. McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

1-REQUEST FOR SUBMISSION | 2-ACCIDENT/INCIDENT | 3-ROUTINE/PERIODIC | 4-COMPLAINT | 5-NPDES | 6-POLLUTION/CLEANUP | 7-OTHER (specify)

BASE SAMPLE NUMBER: G S 8 5 0 1 2 7 — OEHL ID: —

ANALYSES REQUESTED (Check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	✓ Phenols	32730	✓	
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Antimony	01097
Kjeldahl Nitrogen	00625			GROUP G		Arsenic	01002
Nitrate	00620	GROUP H		Acidity, Total	70508	Barium	01007
Nitrite	00615	BHC Isomers	39340	Alkalinity, Total	00410	Beryllium	01012
✓ Oil & Grease	00560	Chlordane	39350	Alkalinity, Bicarbonate	00425	Boron	01022
Organic Carbon	00680	DDT Isomers	39370	Bromide	71870	Cadmium	01027
Orthophosphate	00671	Dieldrin	39380	Carbon Dioxide	00405	Calcium	00916
Phosphorus, Total	00665	Endrin	39390	Chloride	00940	Chromium, Total	01034
		Heptachlor	39410	Color	00080	Chromium VI	01032
		Heptachlor Epoxide	39420	Fluoride	00951	Copper	01042
		Lindane	39782	Iodide	71865		
		Methoxychlor	39480	Odor	00086		
		Toxaphene	39400	Residue, Total	00500		
		2,4-D	39730	Residue, Filterable (TDS)	70300		
		2,4,5-TP-Silvex	39760	Residue, Nonfilterable	00530		
		2,4,5-T	39740				

Hardness	00900	Residue, Settleable	00545
Iron	01045	Residue, Volatile	00505
Lead	01051	Silica	00955
Magnesium	00927	Specific Conductance	00095
Manganese	01055	Sulfate	00945
Mercury	71900	Sulfite	00740
Nickel	01067	Surfactants - MBAS	38260
Potassium	00937	Turbidity	00076
Selenium	01147		
Silver	01077		
Sodium	00929	GROUP H	
Thallium	01059		
Zinc	01092		
✓ METALS			
GROUP J			
Sulfides	00745		

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516
✓ TOX	
✓ VOA	

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved O	00300		mg/l
pH	00400		SU
Temperature	00010		°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

GEMS USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 015 | SO | 054

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: 15-B-7

DATE COLLECTION BEGAN (YYMMDD): 8 5 | 0 1 4 | 1 A

TIME COLLECTION BEGAN (24 hour clock): 1000

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 04 5 7 F HQ: McCOY USAF HOSP PEASE/SGPB PEASE AFB, NH 03803

COPY 2:

SUBMISSION: ☐ A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC C-COMPLAINT N-NPDES D-CLEANUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: G S 8 5 0 1 2 8

ANALYSES REQUESTED (Enter requirements below)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J	
Ammonia	00610	Cyanide, Total	00720	✓ Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350		
Ejeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370		
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380		
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390		
✓ Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410		
Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420		
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782		
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480		
						Copper	01042	Odor	00086	Toxaphene	39400		
						Iron	01045	Residue, Total	00500	2,4-D	39730		
						Lead	01051	Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760		
						Magnesium	00927	Residue, Nonfilterable	00530	2,4,5-T	39740		
						Manganese	01055	Residue, Settleable	00545				
						Mercury	71900	Residue, Volatile	00535				
						Nickel	01067	Silica	00955				
						Potassium	00937	Specific Conductance	00095				
						Selenium	01147	Sulfate	00945				
						Silver	01077	Sulfite	00740				
						Sodium	00929	Surfactants - MBAS	38260				
						Thallium	01059	Turbidity	00076				
						Zinc	01092						
						✓ METALS							

GRC T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516
✓ TOX	
✓ VOA	

ON SITE ANALYSES	
Parameter	Value
Flow 50050	gpm
Chlorine, Total 50060	mg/L
Dissolved Oxygen 00300	mg/L
pH 00400	pH
Temperature 00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(For this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 01 57 SO 060

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: 15-B-8

DATE COLLECTION BEGAN (YYMMDD): 85 10 11

TIME COLLECTION BEGAN (24 hour clock):

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB NH 03801

COPY 2:

PURPOSE OF SUBMISSION: 1 — A-ACCIDENT/INCIDENT; B-ROUTINE/PERIODIC; C-COMPLAINT; D-SPILL/CLEANUP; E-OTHER (specify)

BASE SAMPLE NUMBER: GS 85 10 12 9 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	00545		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
✓	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		EHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722	✓ METALS			DDT Isomers	39370	✓	TOX
						Dieldrin	39380	✓	VOA
	GROUP E		GROUP G			Endrin	39390		
✓	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
✓	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	gpd
	Cadmium	01027	Iodide	71865				Chlorine, Total	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	°C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157SC069

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: 15-B-9

DATE COLLECTION BEGAN (YYMMDD):

TIME COLLECTION BEGAN (24 hour clock):

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check 1): ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0157 LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03811

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES T-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: GS85S0130

OEHL FD:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50089	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Benzene	34704
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
✓ Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	✓ METALS		DDT Isomers	39370	✓ TOX	
				Dieldrin	39380	✓ VOA	
GROUP E		GROUP G		Endrin	39390		
✓ Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	cfd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157SO061

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-11

DATE COLLECTION BEGAN (YY MM DD): 8 5 0 4 0 9

TIME COLLECTION BEGAN (24 hour clock): 1400

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
- COPY 1: 0157 - MAJ McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
- COPY 2:

REASON FOR SUBMISSION: [9]
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: GS85 0132 OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
✓	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
	Organic Carbon 00680		Nickel 01067		Surfactants - MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
			Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722	✓	Zinc 01092		Chlordane 39350	✓	TOX
		✓	METALS		DDT Isomers 39370	✓	VOA
	GROUP E		GROUP G		Dieldrin 39380		
✓	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		ON SITE ANALYSES
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760		Parameter / Value
	Cadmium 01027		Iodide 71865		2,4,5-T 39740		Flow 50050 -- mgd
	Calcium 00916		Odor 00086				Chlorine, Total 50060 -- mg/l
	Chromium, Total 01034		Residue, Total 00500				Dissolved Oxygen 00300 -- mg/l
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		pH 00400 -- units
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		Temperature 00010 -- °C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-9): 0157 SO 061

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: 15-B-10

DATE COLLECTION BEGAN (YYMMDD): 870409

TIME COLLECTION BEGAN (24 hour clock): 1400

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if other than original):
- ORIGINAL: USAF OEH2/SA, BLDG 140, Brooks AFB, TX 78235
- COPY 1: 0457T — ATT: McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
- COPY 2:

REASON FOR SUBMISSION: G

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: GS 85 0131

DEHL P.O.

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP T	
Ammonia	00610	Hardness	00900	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Chloroform	32106
Nitrite	00615	Manganese	01055	Chloromethane	34418
✓ Oil & Grease	00560	Mercury	71900	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147	1,1,1-Trichloroethane	34506
		Silver	01077	Trichloroethylene	39180
GROUP D		Sodium	00929	Tribalomethanes	82080
Cyanide, Total	00720	Thallium	01059	PCBs	39516
Cyanide, Free	00722	Zinc	01092	✓ TOX	
		✓ METALS		✓ VOA	

GROUP E		GROUP G		GROUP H	
✓ Phenols	32730	Acidity, Total	70508	BHC Isomers	39340
		Alkalinity, Total	00410	Chlordane	39350
GROUP F		Alkalinity, Bicarbonate	00425	DDT Isomers	39370
Antimony	01097	Bromide	71870	Dieldrin	39380
Arsenic	01002	Carbon Dioxide	00405	Endrin	39390
Barium	01007	Chloride	00940	Heptachlor	39410
Beryllium	01012	Color	00080	Heptachlor Epoxide	39420
Boron	01022	Fluoride	00951	Lindane	39782
Cadmium	01027	Iodide	71865	Methoxychlor	39480
Calcium	00916	Odor	00086	Toxaphene	39400
Chromium, Total	01034	Residue, Total	00500	2,4-D	39730
Chromium VI	01032	Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760
Copper	01042	Residue, Nonfilterable	00530	2,4,5-T	39740
				GROUP J	
				Sulfides	00745

ON SITE ANALYSES

Parameter		Value	
Flow	50050	--	mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300	--	mg/l
pH	00400		units
Temperature	00010		°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

GEN-AIRE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 ~~84~~ 052

BASE WHERE SAMPLE COLLECTED: PEASE AFB Portsmouth, NH

SAMPLING SITE DESCRIPTION: Jet Engine Maintenance Solvent Storage Site

DATE COLLECTION BEGAN (YYMMDD): 841129

TIME COLLECTION BEGAN (24 hour clock): 1500

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed): ORIGINAL / COPY 1 / COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC):

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP Study

BASE SAMPLE NUMBER: 6S 84 0287

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900
	Ammonia	00610	Iron	01045
	Chemical Oxygen Demand	00340	Lead	01051
	Kjeldahl Nitrogen	00625	Magnesium	00927
	Nitrate	00620	Manganese	01055
	Nitrite	00615	Mercury	71900
X	Oil & Grease	00560	Nickel	01067
	Organic Carbon	00680	Potassium	00937
	Orthophosphate	00671	Selenium	01147
	Phosphorus, Total	00665	Silver	01077
X	Total ORGANIC HALOGEN (TOX)		Sodium	00929
	GROUP D		Thallium	01059
	Cyanide, Total	00720	Zinc	01092
	Cyanide, Free	00722	X Metals (see sheet)	

	GROUP E	
X	Phenols	32730

	GROUP F	
	Antimony	01097
	Arsenic	01002
	Barium	01007
	Beryllium	01012
	Boron	01022
	Cadmium	01027
	Calcium	00916
	Chromium, Total	01034
	Chromium VI	01032
	Copper	01042

	GROUP G	
	Acidity, Total	70508
	Alkalinity, Total	00410
	Alkalinity, Bicarbonate	00425
	Bromide	71870
	Carbon Dioxide	00405
	Chloride	00940
	Color	00080
	Fluoride	00951
	Iodide	71865
	Odor	00086
	Residue, Total	00500
	Residue, Filterable (TDS)	70300
	Residue, Nonfilterable	00530

	Residue, Settleable	50086
	Residue, Volatile	00505
	Silica	00955
	Specific Conductance	00095
	Sulfate	00945
	Sulfite	00740
	Surfactants -MBAS	38260
	Turbidity	00076

	GROUP H	
	BHC Isomers	39340
	Chlordane	39350
	DDT Isomers	39370
	Dieldrin	39380
	Endrin	39390
	Heptachlor	39410
	Heptachlor Epoxide	39420
	Lindane	39782
	Methoxychlor	39480
	Toxaphene	39400
	2,4-D	39730
	2,4,5-TP-Silvex	39760
	2,4,5-T	39740

	GROUP J	
	Sulfides	00745

	GROUP T	
	Bromoform	32104
	Bromodichloromethane	32101
	Carbon Tetrachloride	32102
	Chloroform	32106
	Chloromethane	34418
	Dibromochloromethane	32105
	Methylene Chloride	34423
	Tetrachloroethylene	34475
	1,1,1-Trichloroethane	34506
	Trichloroethylene	39180
	Trihalomethanes	82080
	PCBs	39516
X	VOC	

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

B-5-0

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

USAFOEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 SD 052

BASE WHERE SAMPLE COLLECTED: PEASE AFB Portsmouth, NH

SAMPLING SITE DESCRIPTION: Jet Engine Maintenance Solvent Storage Site

DATE COLLECTION BEGAN (YYMMDD): 840729

TIME COLLECTION BEGAN (24 hour clock): 1500

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed): ORIGINAL, COPY 1, COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC):

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT
R-ROUTINE/PERIODIC
C-COMPLAINT
N-NPDES
F-FOLLOWUP/CLEANUP
O-OTHER (specify) IRP Site 4

BASE SAMPLE NUMBER: 6S 84 0287

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Dibromochloromethane 32105
	Organic Carbon 00680		Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
X	Total Organic Halogen (TOX) 00929		Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059	GROUP H	PCBs 39516
	Cyanide, Free 00722		Zinc 01092	BHC Isomers 39340	
		X	Metals (see sheet)	Chlordane 39350	X VOC
	GROUP E		GROUP G	DDT Isomers 39370	
X	Phenols 32730		Acidity, Total 70508	Dieldrin 39380	
			Alkalinity, Total 00410	Endrin 39390	
	GROUP F		Alkalinity, Bicarbonate 00425	Heptachlor 39410	
	Antimony 01097		Bromide 71870	Heptachlor Epoxide 39420	
	Arsenic 01002		Carbon Dioxide 00405	Lindane 39782	
	Barium 01007		Chloride 00940	Methoxychlor 39480	
	Beryllium 01012		Color 00080	Toxaphene 39400	
	Boron 01022		Fluoride 00951	2,4-D 39730	
	Cadmium 01027		Iodide 71865	2,4,5-TP-Silvex 39760	
	Calcium 00916		Odor 00086	2,4,5-T 39740	
	Chromium, Total 01034		Residue, Total 00500		
	Chromium VI 01032		Residue, Filterable (TDS) 70300	GROUP J	
	Copper 01042		Residue, Nonfilterable 00530	Sulfides 00745	

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM 2752 JAN 81

Site 1

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S O 0 5 0

BASE WHERE SAMPLE COLLECTED: PEASE AFB, Portsmouth, NH

SAMPLING SITE DESCRIPTION: LEADED FUEL TANK SLUDGE DISPOSAL

DATE COLLECTION BEGAN (YYMMDD): 8 4 1 1 1 9

TIME COLLECTION BEGAN (24 hour clock): 1400

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: MAJ. Edward Barnes, USAF OEHL/TS, Brooks AFB, TX 78235
- COPY 1: 0 1 5 7 LT Richard McCoy, USAFHSP/PA-SE/SGPB, PEASE AFB, NH 03801
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): Gerald T. O'Neill

SIGNATURE: Gerald T. O'Neill

AUTOVON: 328-1334

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP STUDY

BASE SAMPLE NUMBER: GS 84 0281

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002
	Kjeldahl Nitrogen 00625						Barium 01007
	Nitrate 00620						Beryllium 01012
	Nitrite 00615						Boron 01022
X	Oil & Grease 00560						Cadmium 01027
	Organic Carbon 00680						Calcium 00916
	Orthophosphate 00671						Chromium, Total 01034
	Phosphorus, Total 00665						Chromium VI 01032
							Copper 01042

	Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
X	Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Manganese 01055		Sulfate 00945		Chloromethane 34418
	Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
	Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Selenium 01147				1,1,1-Trichloroethane 34506
	Silver 01077				Trichloroethylene 39180
	Sodium 00929		GROUP H		Trihalomethanes 82080
	Thallium 01059		BHC Isomers 39340		PCBs 39516
	Zinc 01092		Chlordane 39350		
			DDT Isomers 39370		
			Dieldrin 39380		
	GROUP G		Endrin 39390		
	Acidity, Total 70508		Heptachlor 39410		
	Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	Alkalinity, Bicarbonate 00425		Lindane 39782		
	Bromide 71870		Methoxychlor 39480		
	Carbon Dioxide 00405		Toxaphene 39400		
	Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Fluoride 00951		2,4,5-T 39740		Flow 50050 mgd
	Iodide 71865				Chlorine, Total 50060 mg/l
	Odor 00086				Dissolved Oxygen 00300 mg/l
	Residue, Total 00500				pH 00400 units
	Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 °C
	Residue, Nonfilterable 00530		Sulfides 00745		

COMMENTS

AF FORM JAN 81 2752

SITE 14

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157S0050

BASE WHERE SAMPLE COLLECTED: Pease AFB Portsmouth, NH

SAMPLING SITE DESCRIPTION: Landfill Fuel Tank Sludge Disposal

DATE COLLECTION BEGAN (YYMMDD): 840411

TIME COLLECTION BEGAN (24 hour clock): 1500

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: Maj Edward Barnes, USAFOEHL/TS, Brooks AFB, TX 78235
COPY 1: 0157 Lt Richard McCoy, USAF Pease, Portsmouth, NH 03801
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): Gerald T O'Neill

SIGNATURE: Gerald T. O'Neill

AUTOVON: 223-1334

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP STUDY

BASE SAMPLE NUMBER: GS 84 0282

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T
	Ammonia 00610		Iron 01045		Residue, Volatile 00505		Bromoform 32104
	Chemical Oxygen Demand 00340	X	Lead 01051		Silica 00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Nitrate 00620		Manganese 01055		Sulfate 00945		Chloroform 32106
	Nitrite 00615		Mercury 71900		Sulfite 00740		Chloromethane 34418
X	Oil & Grease 00560		Nickel 01067		Surfactants -MBAS 38260		Dibromochloromethane 32105
	Organic Carbon 00680		Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Orthophosphate 00671		Selenium 01147				Tetrachloroethylene 34475
	Phosphorus, Total 00665		Silver 01077				1,1,1-Trichloroethane 34506
			Sodium 00929		GROUP H		Trichloroethylene 39180
	GROUP D		Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Cyanide, Total 00720		Zinc 01092		Chlordane 39350		PCBs 39516
	Cyanide, Free 00722				DDT Isomers 39370		
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
	Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050 mgd
	Cadmium 01027		Iodide 71865				Chlorine, Total 50060 mg/l
	Calcium 00916		Odor 00086				Dissolved Oxygen 00300 mg/l
	Chromium, Total 01034		Residue, Total 00500				pH 00400 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		

COMMENTS

AF FORM JAN 81 2752

Site 14

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 SO 050

BASE WHERE SAMPLE COLLECTED: PEASE AFB, Portsmouth, NH

SAMPLING SITE DESCRIPTION: LEADED FUEL TANK SLUDGE DISPOSAL

DATE COLLECTION BEGAN (YYMMDD): 840112

TIME COLLECTION BEGAN (24 hour clock): 0930

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: MAJ. Edward Barnes, USAF OEHL/TS, Brooks AFB, TX 78235
- COPY 1: 0157 LT. Richard McCoy, USAF HOSP PEASE/SGPB, PEASE AFB NH 03801
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GERALD T. O'NEILL

SIGNATURE: Gerald T. O'Neill

AUTOVON: (603) 228-1334

REASON FOR SUBMISSION: C (A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify)) IRP STUDY

BASE SAMPLE NUMBER: GS 84 0283

ANALYSES REQUESTED (check appropriate blocks)

| | GROUP A | | |

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

GENERATE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S 0 0 5 0

BASE WHERE SAMPLE COLLECTED: Pease AFB, Portsmouth, NH

SAMPLING SITE DESCRIPTION: Lead in Fuel Tank Sludge Disposal Pit

DATE COLLECTION BEGAN (YYMMDD): 8 4 1 1 2 0

TIME COLLECTION BEGAN (24 hour clock): 1030

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: MAJ Edward Barnes, USAF OEHL/TS, Brooks AFB, TX 78235
- COPY 1: 0157 LT Richard Nelson, USAF Hosp Pease/SGPB, Pease AFB, NH 03801
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): Gerald T. O'Neill

SIGNATURE: Gerald T. O'Neill

AUTOVON (ECS): 335-1334

REASON FOR SUBMISSION: [0]
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP STUDY

BASE SAMPLE NUMBER: 6S 84 0284

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086
Ammonia	00610	Iron	01045	Residue, Volatile	00505
Chemical Oxygen Demand	00340	X Lead	01051	Silica	00955
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095
Nitrate	00620	Manganese	01055	Sulfate	00945
Nitrite	00615	Mercury	71900	Sulfite	00740
X Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260
Organic Carbon	00680	Potassium	00937	Turbidity	00076
Orthophosphate	00671	Selenium	01147		
Phosphorus, Total	00665	Silver	01077		
		Sodium	00929	GROUP H	
GROUP D		Thallium	01059	BHC Isomers	39340
Cyanide, Total	00720	Zinc	01092	Chlordane	39350
Cyanide, Free	00722			DDT Isomers	39370
				Dieldrin	39380
GROUP E		GROUP G		Endrin	39390
Phenols	32730	Acidity, Total	70508	Heptachlor	39410
		Alkalinity, Total	00410	Heptachlor Epoxide	39420
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782
Antimony	01097	Bromide	71870	Methoxychlor	39480
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400
Barium	01007	Chloride	00940	2,4-D	39730
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760
Boron	01022	Fluoride	00951	2,4,5-T	39740
Cadmium	01027	Iodide	71865		
Calcium	00916	Odor	00086		
Chromium, Total	01034	Residue, Total	00500		
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J	
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 01 57 SO 036

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NEW HAMPSHIRE

SAMPLING SITE DESCRIPTION: FIRE TRAINING AREA # 2 (SITE B) TP-1

DATE COLLECTION BEGAN (YYMMDD): 841025

TIME COLLECTION BEGAN (24 hour clock): 1507

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

COPIES TO:
- ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX
- COPY 1: 0157 USAF HOSP/SG PB PEASE AFB, NH 78235
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON, INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SESSION: 0

A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP - PHASE II

BASE SAMPLE NUMBER: GS 84 50207

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
ponia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
mical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
dahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
rate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
ride	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
& Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
anic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
nophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
sphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
AL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
nide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
nide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
nols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
imony	01097	Bromide	71870	Methoxychlor	39480		
enic	01002	Carbon Dioxide	00405	Toxaphene	39400		
rium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
yllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
on	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
mium *	01027	Iodide	71865			Chlorine, Total 50060	mg/l
ium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
mium, Total	01034	Residue, Total	00500			pH 00400	units
mium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
per	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 01 5 7 S 0 0 3 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB NEW HAMPSHIRE

SAMPLING SITE DESCRIPTION: FIRE TRAINING AREA #2 (SITE 8) TP-2

COLLECTION BEGAN (YYMMDD): 4 1 0 2 5

TIME COLLECTION BEGAN (24 hour clock): 1530

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

ORIGINAL		Major Barnes, Technical Program Mgr, Brooks AFB TX
COPY 1	0 1 5 7	USAF HOSP/SG PB PEASE AFB, NH 78235
COPY 2		

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SESSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP 2-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: G S 8 4 0 2 0 8

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900	Residue, Settleable 50086	GROUP T
onia 00610		Iron 01045	Residue, Volatile 00505	Bromoform 32104
mical Oxygen Demand 00340		Lead 01051	Silica 00955	Bromodichloromethane 32101
dahl Nitrogen 00625		Magnesium 00927	Specific Conductance 00095	Carbon Tetrachloride 32102
ate 00620		Manganese 01055	Sulfate 00945	Chloroform 32106
ite 00615		Mercury 71900	Sulfite 00740	Chloromethane 34418
& Grease 00560		Nickel 01067	Surfactants -MBAS 38260	Dibromochloromethane 32105
anic Carbon 00680		Potassium 00937	Turbidity 00076	Methylene Chloride 34423
thophosphate 00671		Selenium 01147		Tetrachloroethylene 34475
sphorus, Total 00665		Silver 01077		1,1,1-Trichloroethane 34506
AL ORGANIC HALOGEN		Sodium 00929	GROUP H	Trichloroethylene 39180
GROUP D		Thallium 01059	BHC Isomers 39340	Trihalomethanes 82080
ide, Total 00720		Zinc 01092	Chlordane 39350	PCBs 39516
ide, Free 00722			DDT Isomers 39370	
			Dieldrin 39380	
GROUP E	GROUP G		Endrin 39390	
ols 32730	Acidity, Total 70508		Heptachlor 39410	
	Alkalinity, Total 00410		Heptachlor Epoxide 39420	
GROUP F	Alkalinity, Bicarbonate 00425		Lindane 39782	
mony 01097	Bromide 71870		Methoxychlor 39480	
nic 01002	Carbon Dioxide 00405		Toxaphene 39400	
um 01007	Chloride 00940		2,4-D 39730	ON SITE ANALYSES
llium 01012	Color 00080		2,4,5-TP-Silvex 39760	Parameter / Value
n 01022	Fluoride 00951		2,4,5-T 39740	Flow 50050 mgd
ium 01027	Iodide 71865			Chlorine, Total 50060 mg/l
om 00916	Odor 00086			Dissolved Oxygen 00300 mg/l
mium, Total 01034	Residue, Total 00500			pH 00400 units
mium VI 01042	Residue, Filterable (TDS) 70300		GROUP J	Temperature 00010 °C
er	Residue, Nonfilterable 00530		Sulfides 00745	
ENTS				

FORM AN BI 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S 0 0 3 G

BASE WHERE SAMPLE COLLECTED: PEASE AFB NEW HAMPSHIRE

SAMPLING SITE DESCRIPTION: FIRE TRAINING AREA # 2 (SITE 8) TP-4

COLLECTION BEGAN (YYMMDD): 8 4 1 0 2 5

TIME COLLECTION BEGAN (24 hour clock): 1618

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS: ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1: 0 1 5 7 — USAF HOSP/SG PB PEASE AFB, NH 78235

COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, B-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: G S 8 4 0 2 0 9 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
[illegible]	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104		
[illegible] Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101		
[illegible] Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
[illegible]	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
[illegible]	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418		
[illegible] & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105		
[illegible] Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
[illegible] Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475		
[illegible] Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506		
TOTAL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP D		Thallium	01059	BHC Isomers	39340	Tribalomethanes	82080		
[illegible] Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516		
[illegible] Cyanide, Free	00722			DDT Isomers	39370				
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
[illegible] Phenols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
[illegible] Antimony	01097	Bromide	71870	Methoxychlor	39480				
[illegible] Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400				
[illegible] Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES			
[illegible] Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter		Value	
[illegible] Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow	50050		MGD
[illegible] Cadmium	01027	Iodide	71865			Chlorine, Total	50060		mg/l
[illegible] Calcium	00916	Odor	00086			Dissolved Oxygen (DO)	00300		mg/l
[illegible] Chromium, Total	01034	Residue, Total	00500			pH	00400		units
[illegible] Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature	00010		°C
[illegible] Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745				

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFB, Site, Sample): 01 S 7 S 0 0 3 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB NEW HAMPSHIRE

SAMPLING SITE DESCRIPTION: FIRE TRAINING AREA #2 (SITE 6) TP-6

COLLECTION BEGAN (MO/DAY): 4 10 26

TIME COLLECTION BEGAN (24 hour clock): 1005

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS: ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1: 0 1 5 7 — USAF HOSP/SG PB PEASE AFB NH 78235

COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT; B-ROUTINE/PERIODIC; C-COMPLAINT; D-NPDES; F-FOLLOWUP/CLEANUP; O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G S 8 4 0 2 1 0 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
[illegible]onia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
[illegible]mical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
[illegible]idahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
[illegible]ate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
[illegible]ite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
[illegible] & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
[illegible]anic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
[illegible]thophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
[illegible]sphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
[illegible]TAL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
[illegible]nide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
[illegible]nide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
[illegible]rcury	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
[illegible]timony	01097	Bromide	71870	Methoxychlor	39480		
[illegible]senic	01002	Carbon Dioxide	00405	Toxaphene	39400		
[illegible]enum	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
[illegible]ryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
[illegible]ron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	MGD
[illegible]dmium	01027	Iodide	71865			Chloride, Total 50060	mg/l
[illegible]lcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
[illegible]romium, Total	01034	Residue, Total	00500			pH 00400	units
[illegible]romium VI	01037	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
[illegible]per	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 01ST S0 036

BASE WHERE SAMPLE COLLECTED: PEASE AFB NEW HAMPSHIRE

SAMPLING SITE DESCRIPTION: FIRE TRAINING AREA # 2 (SITE 8) TP-8

COLLECTION BEGAN (MMDD): 4 10 26

TIME COLLECTION BEGAN (24 hour clock): 1135

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

RTS
- ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX
- COPY 1: 01 S 7 USAF HOSP/SG PB PEASE AFB NH 78235
- COPY 2:

LE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON

ON FOR ISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

SE SAMPLE NUMBER: GS 84 02 11

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
ogen,	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
mical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
eldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
rate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
nia	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
& Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
anic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
thophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
osphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
TAL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
nide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
nide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
rcols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
timony	01097	Bromide	71870	Methoxychlor	39480		
enic	01002	Carbon Dioxide	00405	Toxaphene	39400		
ium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
ryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
mium	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
alt	01027	Iodide	71865			Chlorine, Total 50060	mg/
cium	00916	Odor	00086			Dissolved Oxygen 00300	mg/
omium, Total	01034	Residue, Total	00500			pH 00400	units
omium VI	01037	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
per	01042	Residue, Nonfilterable	00530	Sulfides	00745		

MENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19-7): 0 1 5 7 S 0 0 3 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB NEW HAMPSHIRE

SAMPLING SITE DESCRIPTION: FIRE TRAINING AREA # 2 (SITE 8) TP-9

COLLECTION BEGAN (YYMMDD): 8 4 1 0 2 6

TIME COLLECTION BEGAN (24 hour clock): 1200

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

ORIGINAL		Major Barnes, Technical Program Mgr, Brooks AFB TX
COPY 1	0 1 5 7	USAF HOSP/SG PB PEASE AFB, NH 78235
COPY 2		

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR EMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G S 8 4 0 2 1 2

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900	Residue, Settlerable 50086	GROUP T
ammonia 00610		Iron 01045	Residue, Volatile 00505	Bromoform 32104
emical Oxygen Demand 00340		Lead 01051	Silica 00955	Bromodichloromethane 32101
eldahl Nitrogen 00625		Magnesium 00927	Specific Conductance 00095	Carbon Tetrachloride 32102
itrate 00620		Manganese 01055	Sulfate 00945	Chloroform 32106
itrite 00615		Mercury 71900	Sulfite 00740	Chloromethane 34418
il & Grease 00560		Nickel 01067	Surfactants - MBAS 38260	Dibromochloromethane 32105
rganic Carbon 00680		Potassium 00937	Turbidity 00076	Methylene Chloride 34423
rthophosphate 00671		Selenium 01147		Tetrachloroethylene 34475
hosphorus, Total 00665		Silver 01077		1,1,1-Trichloroethane 34506
TOTAL ORGANIC HALOGEN		Sodium 00929	GROUP H	Trichloroethylene 39180
GROUP D		Thallium 01059	BHC Isomers 39340	Trihalomethanes 82080
yanide, Total 00720		Zinc 01092	Chlordane 39350	PCBs 39516
yanide, Free 00722			DDT Isomers 39370	
			Dieldrin 39380	
GROUP E	GROUP G		Endrin 39390	
henols 32730	Acidity, Total 70508		Heptachlor 39410	
	Alkalinity, Total 00410		Heptachlor Epoxide 39420	
GROUP F	Alkalinity, Bicarbonate 00425		Lindane 39782	
ntimony 01097	Bromide 71870		Methoxychlor 39480	
rsenic 01002	Carbon Dioxide 00405		Toxaphene 39400	
arium 01007	Chloride 00940		2,4-D 39730	ON SITE ANALYSES
eryllium 01012	Color 00080		2,4,5-TP-Silvex 39760	Parameter / Value
oron 01022	Fluoride 00951		2,4,5-T 39740	Flow 50050 mgd
admium 01027	Iodide 71865			Chloride, Total 50060 mg/l
alcium 00916	Odor 00086			Dissolved Oxygen 00300 mg/l
hromium, Total 01034	Residue, Total 00500			pH 00400 units
hromium VI 01032	Residue, Filterable (TDS) 70300		GROUP J	Temperature 00010 °C
opper 01042	Residue, Nonfilterable 00530		Sulfides 00745	

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19-7): 0 1 5 7 5 0 0 3

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NEW HAMPSHIRE

SAMPLING SITE DESCRIPTION: FMS EQUIP CLEANING SITE (SITE 11) TP-15

DATE COLLECTION BEGAN (YR/MO/DD): 87/10/26

TIME COLLECTION BEGAN (24 hour clock): 1415

COLLECTION METHOD: [x] GRAB [ ] COMPOSITE _____ HOURS

ORIGINAL		Major Barnes, Technical Program Mgr, Brooks AFB TX
COPY 1	0157	USAF HOSP/SG PB PEASE AFB, NH 78235
COPY 2		

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR POSSESSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GS84021 3

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
onia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
mical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
ldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
rate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
ite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
& Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
anic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
hosphate	00671	Selenium	01147			Tetrachloroethylene	34475
sphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
AL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
nide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
nide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
nols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
monia	01097	Bromide	71870	Methoxychlor	39480		
nic	01002	Carbon Dioxide	00405	Toxaphene	39400		
num	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
yllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
on	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
ium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
cium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
omium, Total	01034	Residue, Total	00500			pH 00400	units
omium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
per	01042	Residue, Nonfilterable	00530	Sulfides	00745		

MENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OFFICE USE ONLY

SAMPLING SITE IDENTIFIER (AFRCE): 0 1 5 7 S 0 0 3 7

BASE WHERE SAMPLE COLLECTED: PEASE AFB NEW HAMPSHIRE

SAMPLING SITE DESCRIPTION: FMS EQUIP. CLEANING SITE (SITE 11) TP 15 A

COLLECTION BEGAN (YYMMDD): 8 4 1 0 2 6

TIME COLLECTION BEGAN (24 hour clock): 1415

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1: 0 1 5 7 USAF HOSP/SG PB PEASE AFB, NH 78235

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON

REASON FOR SUBMISSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G S 8 4 0 2 1 4

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900
onia	00610	Iron	01045
mical Oxygen Demand	00340	Lead	01051
ldahl Nitrogen	00625	Magnesium	00927
rate	00620	Manganese	01055
ric	00615	Mercury	71900
& Grease	00560	Nickel	01067
anic Carbon	00680	Potassium	00937
hosphosphate	00671	Selenium	01147
sphorus, Total	00665	Silver	01077
AL ORGANIC HALOGEN		Sodium	00929
GROUP D		Thallium	01059
nide, Total	00720	Zinc	01092
nide, Free	00722		

GROUP E		GROUP G	
nols	32730	Acidity, Total	70508
		Alkalinity, Total	00410
GROUP F		Alkalinity, Bicarbonate	00425
moony	01097	Bromide	71870
mic	01002	Carbon Dioxide	00405
um	01007	Chloride	00940
llium	01012	Color	00080
on	01022	Fluoride	00951
ium	01027	Iodide	71865
ium	00916	Odor	00086
ium, Total	01034	Residue, Total	00500
ium VI	01037	Residue, Filterable (TDS)	70300
er	01047	Residue, Nonfilterable	00530

		GROUP H	
Residue, Settleable	50086	BHC Isomers	39340
Residue, Volatile	00505	Chlordane	39350
Silica	00955	DDT Isomers	39370
Specific Conductance	00095	Dieldrin	39380
Sulfate	00945	Endrin	39390
Sulfite	00740	Heptachlor	39410
Surfactants - MBAS	38260	Heptachlor Epoxide	39420
Turbidity	00076	Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
		2,4-D	39730
		2,4,5-TP-Silvex	39760
		2,4,5-T	39740
		GROUP J	
		Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chloride, Total	00060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

FORM 2752 (JAN 81)

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19?) 0 1 5 7 5 0 0 3 7

BASE WHERE SAMPLE COLLECTED: PEASE AFB NEW HAMPSHIRE

SAMPLING SITE DESCRIPTION: FMS EQUIP CLEANING SITE (SITE 11) TP-16

COLLECTION BEGAN (DTYMODD): 4 1 10 2,6

TIME COLLECTION BEGAN (24 hour clock): 1440

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1: 0 1 5 7 USAF HOSP/SG PB PEASE AFB, NH 78235

COPY 2:

E COLLECTED BY (Name, Grade, AFSC): SKENN R SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON

ON FOR SSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

SE SAMPLE NUMBER: G S 8 4 0 2 1 5

OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
onia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104		
mical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101		
idahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
ate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
ite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418		
& Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105		
anic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
hosphate	00671	Selenium	01147			Tetrachloroethylene	34475		
sphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506		
AL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080		
ide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516		
ide, Free	00722			DDT Isomers	39370				
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
ols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
timony	01097	Bromide	71870	Methoxychlor	39480				
enic	01002	Carbon Dioxide	00405	Toxaphene	39400				
ium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES			
yllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter		Value	
on	01022	Fluoride	00951	2,4,5-T	39740	Flow	50050		mgd
mium	01027	Iodide	71865			Chlorine, Total	50060		mg/l
ium	00916	Odor	00086			Dissolved Oxygen	00300		mg/l
mium, Total	01034	Residue, Total	00500			pH	00400		units
mium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature	00010		°C
per	01042	Residue, Nonfilterable	00530	Sulfides	00745				

ENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S 0 0 3 7

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NEW HAMPSHIRE

SAMPLING SITE DESCRIPTION: FMS EQUIP. CLEANING SITE (SITE 11) TP-17

COLLECTION BEGAN (YYMMDD): 8 4 1 0 2 6

TIME COLLECTION BEGAN (24 hour clock): 1500

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1: 0 1 5 7 USAF HOSP/SG PB PEASE AFB, NH 78235

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SAMPLE: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: G S 8 4 0 2 1 6

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	ognia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	ical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	idahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	rate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	rite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
	& Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	anic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	hosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	sphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
	AL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Tribalomethanes 82080
	ide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	ide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	ols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	mony	01097	Bromide	71870		Methoxychlor	39480		
	nic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	um	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	llium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	on	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 mgd
	ium	01027	Iodide	71865					Chlorine, Total 50060 mg/l
	ium	00916	Odor	00086					Dissolved Oxygen 00300 mg/l
	mium, Total	01034	Residue, Total	00500					pH 00400 units
	mium VI	01037	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 °C
	per	01042	Residue, Nonfilterable	00530		Sulfides	00745		
	ENTS								

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 S O 0 5 0

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: SITE 10 LFTS DISPOSAL AREA (10-FD-C)

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 1 0 8

TIME COLLECTION BEGAN (24 hour clock): 1433

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

REPORTS TO: ORIGINAL: LT Col Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1: 0 1 S 7 USAF HOSP/SG PB PEASE AFB NH 03801

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR EMISSION: [E] O

A-ACCIDENT/INCIDENT
B-ROUTINE/PERIODIC
C-COMPLAINT
N-NPDES
F-FOLLOWUP/CLEANUP
O-OTHER (specify) PHASE II IRP

BASE SAMPLE NUMBER: 6 S 8 5 0 0 0 5

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104		
Chemical Oxygen Demand	00340	X Lead	01051	Silica	00955	Bromodichloromethane	32101		
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418		
Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105		
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475		
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506		
		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080		
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516		
Cyanide, Free	00722			DDT Isomers	39370				
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
Phenols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
Antimony	01097	Bromide	71870	Methoxychlor	39480				
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400				
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES			
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter		Value	
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow	50050		mgd
Cadmium *	01027	Iodide	71865			Chlorine, Total	50060		mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen	00300		mg/l
Chromium, Total	01034	Residue, Total	00500			pH	00400		units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature	00010		°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745				

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(* this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 SO 0050

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: SITE 10 LFTS DISPOSAL AREA (10-TP-5)

DATE COLLECTION BEGAN (YYMMDD): 851018

TIME COLLECTION BEGAN (24 hour clock): 1413

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (cc'd if required): ORIGINAL: LT Col Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1: 0157 USAF HOSP/SG PB PEASE AFB NH 03801

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR EMISSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) PHASE II (RI)

BASE SAMPLE NUMBER: GS 85 0004

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	X Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium *	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S 0 0 5 8

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: SITE 22 (22-MP-4)

DATE COLLECTION BEGAN (MMDDYY): 1 8 0 1 0 4

TIME COLLECTION BEGAN (24 hour clock): 1345

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: LTCOL Barnes, Technical Program Mgr, Brooks AFB TX
COPY 1: C 1 S 7 USAF HOSP/SG PB PEASE AFB NH 03801
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: S O
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) PHASE II IRP

BASE SAMPLE NUMBER: G S 8 S 0 0 0 3

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane	34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722				DDT Isomers	39370			
						Dieldrin	39380			
	GROUP E		GROUP G			Endrin	39390			
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410			
			Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097	Bromide	71870		Methoxychlor	39480			
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400	units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	°C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745			

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(* this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19?) 0 1 5 7 S 0 0 5 8

BASE WHERE SAMPLE COLLECTED
PEASE AFB NH

SAMPLING SITE DESCRIPTION
SITE 7 FDTA #1 (7-TP-2)

DATE COLLECTION BEGAN (YYMMDD) 8 5 0 1 0 5

TIME COLLECTION BEGAN (24 hour clock) 1053

COLLECTION METHOD
☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (cc 11 if needed)
ORIGINAL: 1Lt Co Barnes, Technical Program Mgr, Brooks AFB TX
COPY 1: 0 1 S 7 USAF HOSP/SG PB PEASE AFB NH 03801
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC)
GLENN R SMART

SIGNATURE
Glenn R Smart

AUTOVON

REASON FOR OMISSION: E O
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) PHASE II IRP

BASE SAMPLE NUMBER: G S 8 5 0 0 0 2

OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097	
Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002	
Kjeldahl Nitrogen 00625						Barium 01007	
Nitrate 00620						Beryllium 01012	
Nitrite 00615						Boron 01022	
Oil & Grease 00560						Cadmium 01027	
Organic Carbon 00680						Calcium 00916	
Orthophosphate 00671						Chromium, Total 01034	
Phosphorus, Total 00665						Chromium VI 01032	
TOTAL ORGANIC NITROGEN						Copper 01042	

		GROUP G	
Hardness	00900	Acidity, Total	70508
Iron	01045	Alkalinity, Total	00410
Lead	01051	Alkalinity, Bicarbonate	00425
Magnesium	00927	Bromide	71870
Manganese	01055	Carbon Dioxide	00405
Mercury	71900	Chloride	00940
Nickel	01067	Color	00080
Potassium	00937	Fluoride	00951
Selenium	01147	Iodide	71865
Silver	01077	Odor	00086
Sodium	00929	Residue, Total	00500
Thallium	01059	Residue, Filterable (TDS)	70300
Zinc	01092	Residue, Nonfilterable	00530

		GROUP H	
Residue, Settleable	50086	BHC Isomers	39340
Residue, Volatile	00505	Chlordane	39350
Silica	00955	DDT Isomers	39370
Specific Conductance	00095	Dieldrin	39380
Sulfate	00945	Endrin	39390
Sulfite	00740	Heptachlor	39410
Surfactants -MBAS	38260	Heptachlor Epoxide	39420
Turbidity	00076	Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
		2,4-D	39730
		2,4,5-TP-Silvex	39750
		2,4,5-T	39740
		GROUP J	
		Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157S0 058

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: SITE 7 FD771 #1 (7-TP-1)

COLLECTION BEGAN (YYMMDD): 150119

TIME COLLECTION BEGAN (24 hour clock): 1042

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

REPORTS: ORIGINAL — 1Lt Col Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1 (0157) — USAF HOSP/SG PB PEASE AFB NH 03801

COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): LENN R SMART

SIGNATURE: Lt Col Lenn R Smart

AUTOVON

REASON FOR SUBMISSION: [X] O — A-ACCIDENT/INCIDENT; B-ROUTINE/PERIODIC; C-COMPLAINT; N-NPDES; F-FOLLOWUP/CLEANUP; O-OTHER (specify) PHASE II IRP

BASE SAMPLE NUMBER: GS85 0001 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A

Ammonia	00610
Chemical Oxygen Demand	00340
Kjeldahl Nitrogen	00625
Nitrate	00620
Nitrite	00615
Oil & Grease	00560
Organic Carbon	00680
Orthophosphate	00671
Phosphorus, Total	00665
TOTAL ORGANIC HALOGEN	

GROUP D

Cyanide, Total	00720
Cyanide, Free	00722

GROUP E

Phenols	32730

GROUP F

Antimony	01097
Arsenic	01002
Barium	01007
Beryllium	01012
Boron	01022
Cadmium	01027
Calcium	00916
Chromium, Total	01034
Chromium VI	01032
Copper	01042

Hardness	00900
Iron	01045
Lead	01051
Magnesium	00927
Manganese	01055
Mercury	71900
Nickel	01067
Potassium	00937
Selenium	01147
Silver	01077
Sodium	00929
Thallium	01059
Zinc	01092

GROUP G

Acidity, Total	70508
Alkalinity, Total	00410
Alkalinity, Bicarbonate	00425
Bromide	71870
Carbon Dioxide	00405
Chloride	00940
Color	00080
Fluoride	00951
Iodide	71865
Odor	00086
Residue, Total	00500
Residue, Filterable (TDS)	70300
Residue, Nonfilterable	00530

Residue, Settleable	50086
Residue, Volatile	00505
Silica	00955
Specific Conductance	00095
Sulfate	00945
Sulfite	00740
Surfactants - MBAS	38260
Turbidity	00076

GROUP H

BHC Isomers	39340
Chlordane	39350
DDT Isomers	39370
Dieldrin	39380
Endrin	39390
Heptachlor	39410
Heptachlor Epoxide	39420
Lindane	39782
Methoxychlor	39480
Toxaphene	39400
2,4-D	39730
2,4,5-TP-Silvex	39760
2,4,5-T	39740

GROUP J

Sulfides	00745

GROUP T

Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400		units
Temperature	00010		°C

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DENIED ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 SO 050

BASE WHERE SAMPLE COLLECTED: Pease AFB, Portsmouth, NH

SAMPLING SITE DESCRIPTION: Lead in Fuel Tank Sludge Disposal

DATE COLLECTION BEGAN (YYMMDD): 841120

TIME COLLECTION BEGAN (24 hour clock): 1030

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: MAJ Edward Barnes, USAF OEHL/TS, Brooks AFB, TX 78235
- COPY 1: 0157 LT Richard McCoy, USAF HSA Pease/SGPB, Pease AFB, NH 03801
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): Capt USAF

SIGNATURE: [signature] AUTOVON (ECS) 295-1334

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP STUDY

BASE SAMPLE NUMBER: 6584 0284

DENIED PID

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	X Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060 mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300 mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

USEAF USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock)

COLLECTION METHOD

☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)

ORIGINAL

COPY 1

COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION

A-ACCIDENT/INCIDENT
C-COMPLAINT
F-FOLLOWUP/CLEANUP
R-ROUTINE/PERIODIC
N-NPDES
O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane	34418
	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane	34506
			Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722				DDT Isomers	39370			
						Dieldrin	39380			
	GROUP E		GROUP G			Endrin	39390			
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410			
			Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097	Bromide	71870		Methoxychlor	39480			
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400	units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	°C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745			

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock)

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed): ORIGINAL, COPY 1, COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

AF FORM 2752 JAN 81

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): C 1 5 7 MT 3

BASE WHERE SAMPLE COLLECTED: PLTSC AFB NH

SAMPLING SITE DESCRIPTION: PLTC 1 Sta 3

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 3 1 1

TIME COLLECTION BEGAN (24 hour clock): 1045

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed): ORIGINAL; COPY 1 — 0 4 5 7; COPY 2

HQ AFMSC/SGPB PLTSC AFB, NH 03263

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. S. Hen

SIGNATURE: [signature]

AUTOVON

REASON FOR SUBMISSION: [ ] A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP Phase II

BASE SAMPLE NUMBER: F N 8 5

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (APR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock)

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed): ORIGINAL, COPY 1, COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Bromoform	32104
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370	Carbon Tetrachloride	32102
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380	Chloroform	32106
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390	Chloromethane	34418
Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410	Dibromochloromethane	32105
Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420	Methylene Chloride	34423
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782	Tetrachloroethylene	34475
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480	1,1,1-Trichloroethane	34506
						Copper	01042	Odor	00086	Toxaphene	39400	Trichloroethylene	39180
								Residue, Total	00500	2,4-D	39730	Trihalomethanes	82080
								Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760	PCBs	39516
								Residue, Nonfilterable	00530	2,4,5-T	39740		

GROUP J	
Sulfides	00745

Residue, Settleable	50086
Residue, Volatile	00505
Silica	00955
Specific Conductance	00095
Sulfate	00945
Sulfite	00740
Surfactants -MBAS	38260
Turbidity	00076

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	7.1 units
Temperature	00010	7 °C

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock) 1430

COLLECTION METHOD ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed) ORIGINAL / COPY 1 / COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

GROUP G		GROUP H		GROUP J	
Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745
Alkalinity, Total	00410	Chlordane	39350		
Alkalinity, Bicarbonate	00425	DDT Isomers	39370		
Bromide	71870	Dieldrin	39380		
Carbon Dioxide	00405	Endrin	39390		
Chloride	00940	Heptachlor	39410		
Color	00080	Heptachlor Epoxide	39420		
Fluoride	00951	Lindane	39782		
Iodide	71865	Methoxychlor	39480		
Odor	00086	Toxaphene	39400		
Residue, Total	00500	2,4-D	39730		
Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760		
Residue, Nonfilterable	00530	2,4,5-T	39740		

GROUP I		GROUP T	
Hardness	00900	Residue, Settleable	50086
Iron	01045	Residue, Volatile	00505
Lead	01051	Silica	00955
Magnesium	00927	Specific Conductance	00095
Manganese	01055	Sulfate	00945
Mercury	71900	Sulfite	00740
Nickel	01067	Surfactants -MBAS	38260
Potassium	00937	Turbidity	00076
Selenium	01147		
Silver	01077		
Sodium	00929		
Thallium	01059		
Zinc	01092		

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES	
Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	units
Temperature 00010	°C

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock)

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed): ORIGINAL, COPY 1, COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

		GROUP G	
Hardness	00900	Acidity, Total	70508
Iron	01045	Alkalinity, Total	00410
Lead	01051	Alkalinity, Bicarbonate	00425
Magnesium	00927	Bromide	71870
Manganese	01055	Carbon Dioxide	00405
Mercury	71900	Chloride	00940
Nickel	01067	Color	00080
Potassium	00937	Fluoride	00951
Selenium	01147	Iodide	71865
Silver	01077	Odor	00086
Sodium	00929	Residue, Total	00500
Thallium	01059	Residue, Filterable (TDS)	70300
Zinc	01092	Residue, Nonfilterable	00530

		GROUP H	
Residue, Settleable	50086	BHC Isomers	39340
Residue, Volatile	00505	Chlordane	39350
Silica	00955	DDT Isomers	39370
Specific Conductance	00095	Dieldrin	39380
Sulfate	00945	Endrin	39390
Sulfite	00740	Heptachlor	39410
Surfactants -MBAS	38260	Heptachlor Epoxide	39420
Turbidity	00076	Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
		2,4-D	39730
		2,4,5-TP-Silvex	39760
		2,4,5-T	39740
		GROUP J	
		Sulfides	00745

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 5

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

AFSAS USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock)

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed): ORIGINAL / COPY 1 / COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

GROUP G		GROUP H		GROUP J	
Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745
Alkalinity, Total	00410	Chlordane	39350		
Alkalinity, Bicarbonate	00425	DDT Isomers	39370		
Bromide	71870	Dieldrin	39380		
Carbon Dioxide	00405	Endrin	39390		
Chloride	00940	Heptachlor	39410		
Color	00080	Heptachlor Epoxide	39420		
Fluoride	00951	Lindane	39782		
Iodide	71865	Methoxychlor	39480		
Odor	00086	Toxaphene	39400		
Residue, Total	00500	2,4-D	39730		
Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760		
Residue, Nonfilterable	00530	2,4,5-T	39740		

GROUP H		GROUP T	
Residue, Settleable	50086	Bromoform	32104
Residue, Volatile	00505	Bromodichloromethane	32101
Silica	00955	Carbon Tetrachloride	32102
Specific Conductance	00095	Chloroform	32106
Sulfate	00945	Chloromethane	34418
Sulfite	00740	Dibromochloromethane	32105
Surfactants -MBAS	38260	Methylene Chloride	34423
Turbidity	00076	Tetrachloroethylene	34475
		1,1,1-Trichloroethane	34506
		Trichloroethylene	39180
		Trihalomethanes	82080
		PCBs	39516

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

LABORATORY ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock)

COLLECTION METHOD ☐ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed) ORIGINAL / COPY 1 / COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380	Specific Conductance	00095	Chloroform	32106
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480			1,1,1-Trichloroethane	34506
						Copper	01042	Odor	00086	Toxaphene	39400			Trichloroethylene	39180
								Residue, Total	00500	2,4-D	39730			Trihalomethanes	82080
								Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760			PCBs	39516
								Residue, Nonfilterable	00530	2,4,5-T	39740				
												Sulfides	00745		

ON SITE ANALYSES	
Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	units
Temperature 00010	°C

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

HQ USAFE USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock) 1137

COLLECTION METHOD ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed) ORIGINAL / COPY 1 / COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC) 1LT S. Hess

SIGNATURE

AUTOVON

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002
Kjeldahl Nitrogen	00625					Barium	01007
Nitrate	00620					Beryllium	01012
Nitrite	00615					Boron	01022
Oil & Grease	00560					Cadmium	01027
Organic Carbon	00680					Calcium	00916
Orthophosphate	00671					Chromium, Total	01034
Phosphorus, Total	00665					Chromium VI	01032
						Copper	01042

		GROUP G	
Hardness	00900	Acidity, Total	70508
Iron	01045	Alkalinity, Total	00410
Lead	01051	Alkalinity, Bicarbonate	00425
Magnesium	00927	Bromide	71870
Manganese	01055	Carbon Dioxide	00405
Mercury	71900	Chloride	00940
Nickel	01067	Color	00080
Potassium	00937	Fluoride	00951
Selenium	01147	Iodide	71865
Silver	01077	Odor	00086
Sodium	00929	Residue, Total	00500
Thallium	01059	Residue, Filterable (TDS)	70300
Zinc	01092	Residue, Nonfilterable	00530

		GROUP H	
Residue, Settleable	50086	BHC Isomers	39340
Residue, Volatile	00505	Chlordane	39350
Silica	00955	DDT Isomers	39370
Specific Conductance	00095	Dieldrin	39380
Sulfate	00945	Endrin	39390
Sulfite	00740	Heptachlor	39410
Surfactants -MBAS	38260	Heptachlor Epoxide	39420
Turbidity	00076	Lindane	39782
		Methoxychlor	39480
		Toxaphene	39400
		2,4-D	39730
		2,4,5-TP-Silvex	39760
		2,4,5-T	39740
GROUP J			
Sulfides	00745		

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	7.4 units
Temperature	00010	16 °C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

LABORATORY USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock)

COLLECTION METHOD ☐ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed) ORIGINAL / COPY 1 / COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Bromoform	32104
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370	Carbon Tetrachloride	32102
Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380	Chloroform	32106
Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390	Chloromethane	34418
Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410	Dibromochloromethane	32105
Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420	Methylene Chloride	34423
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782	Tetrachloroethylene	34475
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480	1,1,1-Trichloroethane	34506
						Copper	01042	Odor	00086	Toxaphene	39400	Trichloroethylene	39180
								Residue, Total	00500	2,4-D	39730	Trihalomethanes	82080
								Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760	PCBs	39516
								Residue, Nonfilterable	00530	2,4,5-T	39740		
								Residue, Settleable	50086	GROUP J			
								Residue, Volatile	00505	Sulfides	00745		
								Silica	00955				
								Specific Conductance	00095				
								Sulfate	00945				
								Sulfite	00740				
								Surfactants -MBAS	38260				
								Turbidity	00076				
								Sodium	00929				
								Selenium	01147				
								Silver	01077				
								Thallium	01059				
								Zinc	01092				

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

USGS USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock)

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed): ORIGINAL, COPY 1, COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	**GROUP T**	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	**GROUP H**		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		**GROUP G**		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	**ON SITE ANALYSES**	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	7 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	**GROUP J**		Temperature 00010	7 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): C, S, 7, N/A, -, 1, 0

BASE WHERE SAMPLE COLLECTED: [illegible] AFB, NJ

SAMPLING SITE DESCRIPTION: ZONE 2, SITE 13

DATE COLLECTION BEGAN (YYMMDD): [illegible]

TIME COLLECTION BEGAN (24 hour clock): 1258

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: [illegible]
- COPY 1: [illegible]
- COPY 2: [illegible]

SAMPLE COLLECTED BY (Name, Grade, AFSC): P.A. S. He[illegible]

SIGNATURE: [illegible]

AUTOVON:

REASON FOR SUBMISSION: C

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) [illegible]

BASE SAMPLE NUMBER: [illegible]

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP D		GROUP E		GROUP F		GROUP G	
Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508
Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410
Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425
Nitrate	00620					Beryllium	01012	Bromide	71870
Nitrite	00615					Boron	01022	Carbon Dioxide	00405
Oil & Grease	00560					Cadmium	01027	Chloride	00940
Organic Carbon	00680					Calcium	00916	Color	00080
Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951
Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865
						Copper	01042	Odor	00086
						Hardness	00900	Residue, Total	00500
						Iron	01045	Residue, Filterable (TDS)	70300
						Lead	01051	Residue, Nonfilterable	00530
						Magnesium	00927	Residue, Settleable	50086
						Manganese	01055	Residue, Volatile	00505
						Mercury	71900	Silica	00955
						Nickel	01067	Specific Conductance	00095
						Potassium	00937	Sulfate	00945
						Selenium	01147	Sulfite	00740
						Silver	01077	Surfactants -MBAS	38260
						Sodium	00929	Turbidity	00076
						Thallium	01059		
						Zinc	01092		

GROUP H		GROUP J	
BHC Isomers	39340	Sulfides	00745
Chlordane	39350		
DDT Isomers	39370		
Dieldrin	39380		
Endrin	39390		
Heptachlor	39410		
Heptachlor Epoxide	39420		
Lindane	39782		
Methoxychlor	39480		
Toxaphene	39400		
2,4-D	39730		
2,4,5-TP-Silvex	39760		
2,4,5-T	39740		

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

AFOEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock)

COLLECTION METHOD ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed) ORIGINAL / COPY 1 / COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 5

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OPTIONAL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock) 1245

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed): ORIGINAL; COPY 1; COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION: C

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP A		GROUP A		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow 50050	mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		pH 00400	units
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Temperature 00010	°C

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 5

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

DEFENSE USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7)

BASE WHERE SAMPLE COLLECTED

SAMPLING SITE DESCRIPTION

DATE COLLECTION BEGAN (YYMMDD)

TIME COLLECTION BEGAN (24 hour clock) 1247

COLLECTION METHOD ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed) ORIGINAL / COPY 1 / ~~COPY 2~~

SAMPLE COLLECTED BY (Name, Grade, AFSC)

SIGNATURE

AUTOVON

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T
	Ammonia 00610		Iron 01045		Residue, Volatile 00505		Bromoform 32104
	Chemical Oxygen Demand 00340		Lead 01051		Silica 00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Nitrate 00620		Manganese 01055		Sulfate 00945		Chloroform 32106
	Nitrite 00615		Mercury 71900		Sulfite 00740		Chloromethane 34418
	Oil & Grease 00560		Nickel 01067		Surfactants -MBAS 38260		Dibromochloromethane 32105
	Organic Carbon 00680		Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Orthophosphate 00671		Selenium 01147				Tetrachloroethylene 34475
	Phosphorus, Total 00665		Silver 01077				1,1,1-Trichloroethane 34506
			Sodium 00929		GROUP H		Trichloroethylene 39180
	GROUP D		Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Cyanide, Total 00720		Zinc 01092		Chlordane 39350		PCBs 39516
	Cyanide, Free 00722				DDT Isomers 39370		
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
	Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050 mgd
	Cadmium 01027		Iodide 71865	X			Chlorine, Total 50060 mg/l
	Calcium 00916		Odor 00086				Dissolved Oxygen 00300 mg/l
	Chromium, Total 01034		Residue, Total 00500				pH 00400 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 5 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		6

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 01AG

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SITE 12 ; SW-17

DATE COLLECTION BEGAN (YYMMDD): 870813

TIME COLLECTION BEGAN (24 hour clock): 1148

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: MAJ. BARNES, Tech. Program Mgr. Brooks AFB, TX 78235
- COPY 1: 0157 USAF HOSP/SG PB PEASE AFB, NH 03803
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): Mark E. Luther

SIGNATURE: Mark E. Luther

AUTOVON:

REASON FOR SUBMISSION: C

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6N P5 0641

OEHL PIC:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane	34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane	34506
X	Total Organic Halogen		Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722				DDT Isomers	39370			
						Dieldrin	39380			
	GROUP E		GROUP G			Endrin	39390			
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410			
			Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097	Bromide	71870		Methoxychlor	39480			
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400	7 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	6 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		Conductivity	30 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 011

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4, SW-19

DATE COLLECTION BEGAN (YYMMDD): 810813

TIME COLLECTION BEGAN (24 hour clock): 1032

COLLECTION METHOD: ☐ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: MAJ. BARNES, Tech. Program Mgr., Brooks AFB, TX 78235
- COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GNES5 0 3 1

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T	
	Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745	Bromoform	32104
	Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350			Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370			Carbon Tetrachloride	32102
	Nitrate	00620	Magnesium	00927	Specific Conductance	00095					Beryllium	01012	Bromide	71870	Dieldrin	39380			Chloroform	32106
	Nitrite	00615	Manganese	01055	Sulfate	00945					Boron	01022	Carbon Dioxide	00405	Endrin	39390			Chloromethane	34418
X	Oil & Grease	00560	Mercury	71900	Sulfite	00740					Cadmium	01027	Chloride	00940	Heptachlor	39410			Dibromochloromethane	32105
X	Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260					Calcium	00916	Color	00080	Heptachlor Epoxide	39420			Methylene Chloride	34423
	Orthophosphate	00671	Potassium	00937	Turbidity	00076					Chromium, Total	01034	Fluoride	00951	Lindane	39782			Tetrachloroethylene	34475
	Phosphorus, Total	00665	Selenium	01147							Chromium VI	01032	Iodide	71865	Methoxychlor	39480			1,1,1-Trichloroethane	34506
X	Total Organic Halogen		Silver	01077							Copper	01042	Odor	00086	Toxaphene	39400			Trichloroethylene	39180
			Sodium	00929									Residue, Total	00500	2,4-D	39730			Trihalomethanes	82080
			Thallium	01059									Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760			PCBs	39516
			Zinc	01092									Residue, Nonfilterable	00530	2,4,5-T	39740				
			X	See Attachment 6																

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	7.2 units
Temperature	00010	6 °C
Conductivity		150 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 01 57 NA 01

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 4, SW-20

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 3 1 3

TIME COLLECTION BEGAN (24 hour clock): 10:41

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: MAJ. BARNES Tech. Program Mgr. Brooks AFB TX 78235
COPY 1: 01 57 USAF HSP/SC FB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON:

REASON FOR SUBMISSION: 2 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6 N 8 5 0 3 2

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
X Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
X Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
X Total Organic Halogen		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	X See Attachment Th		DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic -	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	6.5 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	6 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Conductivity	155 umos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 NA OFAS

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 4, SW-21

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 3 1 2

TIME COLLECTION BEGAN (24 hour clock): 10:40

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)

ORIGINAL: MAJ. BARNES Tech. Program Mgr. Brooks AFB TX 78235

COPY 1: 0 1 5 7 USAF HSP/SC CB PEASE AFB, NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC) | SIGNATURE | AUTOVON

REASON FOR SUBMISSION: C — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) RAP PHASE II

BASE SAMPLE NUMBER: E N T S C L 3 | OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002
	Kjeldahl Nitrogen 00625						Barium 01007
	Nitrate 00620						Beryllium 01012
	Nitrite 00615						Boron 01022
X	Oil & Grease 00560						Cadmium 01027
X	Organic Carbon 00680						Calcium 00916
	Orthophosphate 00671						Chromium, Total 01034
	Phosphorus, Total 00665						Chromium VI 01032
X	Total Organic Halogen 71870						Copper 01042

Hardness 00900	Iron 01045	Lead 01051	Magnesium 00927
Manganese 01055	Mercury 71900	Nickel 01067	Potassium 00937
Selenium 01147	Silver 01077	Sodium 00929	Thallium 01059
Zinc 01092	X See Attachment b		

Acidity, Total 70508	Alkalinity, Total 00410	Alkalinity, Bicarbonate 00425	Bromide 71870
Carbon Dioxide 00405	Chloride 00940	Color 00080	Fluoride 00951
Iodide 71865	Odor 00086	Residue, Total 00500	Residue, Filterable (TDS) 70300
Residue, Nonfilterable 00530			

Residue, Settleable 50086	Residue, Volatile 00505	Silica 00955	Specific Conductance 00095
Sulfate 00945	Sulfite 00740	Surfactants -MBAS 38260	Turbidity 00076

GROUP H		GROUP J	
BHC Isomers 39340	Chlordane 39350	DDT Isomers 39370	Dieldrin 39380
Endrin 39390	Heptachlor 39410	Heptachlor Epoxide 39420	Lindane 39782
Methoxychlor 39480	Toxaphene 39400	2,4-D 39730	2,4,5-TP-Silvex 39760
2,4,5-T 39740	Sulfides 00745		

GROUP T	
Bromoform 32104	Bromodichloromethane 32101
Carbon Tetrachloride 32102	Chloroform 32106
Chloromethane 34418	Dibromochloromethane 32105
Methylene Chloride 34423	Tetrachloroethylene 34475
1,1,1-Trichloroethane 34506	Trichloroethylene 39180
Trihalomethanes 82080	PCBs 39516

ON SITE ANALYSES		
Parameter		Value
Flow 50050		mgd
Chlorine, Total 50060		mg/l
Dissolved Oxygen 00300		mg/l
pH 00400		units
Temperature 00010		°C
conductivity		umos

COMMENTS

AF FORM JAN 81 2752

L 15P

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 0048

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: Zone 7, SW-22

DATE COLLECTION BEGAN (YYMMDD): 880512

TIME COLLECTION BEGAN (24 hour clock): 1048

COLLECTION METHOD: [x] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: MAJ. BARNES Tech. Program Mgr. Brooks AFB, TX 78235
COPY 1: 0157 USAF HSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: WP85134

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP E		GROUP F
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002
	Kjeldahl Nitrogen 00625						Barium 01007
	Nitrate 00620						Beryllium 01012
	Nitrite 00615						Boron 01022
X	Oil & Grease 00560						Cadmium 01027
X	Organic Carbon 00680						Calcium 00916
	Orthophosphate 00671						Chromium, Total 01034
	Phosphorus, Total 00665						Chromium VI 01032
X	Total Organic Halogen						Copper 01042

Hardness 00900	Iron 01045	Lead 01051	Magnesium 00927
Manganese 01055	Mercury 71900	Nickel 01067	Potassium 00937
Selenium 01147	Silver 01077	Sodium 00929	Thallium 01059
Zinc 01092	X See Attachment 6		

GROUP G		GROUP H		GROUP J	
Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745
Alkalinity, Total	00410	Chlordane	39350		
Alkalinity, Bicarbonate	00425	DDT Isomers	39370		
Bromide	71870	Dieldrin	39380		
Carbon Dioxide	00405	Endrin	39390		
Chloride	00940	Heptachlor	39410		
Color	00080	Heptachlor Epoxide	39420		
Fluoride	00951	Lindane	39782		
Iodide	71865	Methoxychlor	39480		
Odor	00086	Toxaphene	39400		
Residue, Total	00500	2,4-D	39730		
Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760		
Residue, Nonfilterable	00530	2,4,5-T	39740		

	GROUP T	
	Residue, Settleable	50086
	Residue, Volatile	00505
	Silica	00955
	Specific Conductance	00095
	Sulfate	00945
	Sulfite	00740
	Surfactants -MBAS	38260
	Turbidity	00076

GROUP T	
Bromoform	32104
Bromodichloromethane	32101
Carbon Tetrachloride	32102
Chloroform	32106
Chloromethane	34418
Dibromochloromethane	32105
Methylene Chloride	34423
Tetrachloroethylene	34475
1,1,1-Trichloroethane	34506
Trichloroethylene	39180
Trihalomethanes	82080
PCBs	39516

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.8 units
Temperature	00010	23 °C
Conductivity		137 umhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 MA 0 1 2

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 5, SW-24

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 1 3 1 / 1 0 2 4

TIME COLLECTION BEGAN (24 hour clock): 11:48

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: MAJ. BARNES, Tech. Program Mgr. Brooks AFB, TX 78235
COPY 1: 0 1 5 7 SAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2: - - - - --

SAMPLE COLLECTED BY (Name/Grade/AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON:

REASON FOR SUBMISSION: C
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: F N S C 0 0 4 3

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340	X	Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625	X	Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
X	Oil & Grease 00560	X	Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
X	Organic Carbon 00680	X	Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665	X	Selenium 01147				1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN	X	Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092		Chlordane 39350		
					DDT Isomers 39370		
	GROUP E		GROUP G		Dieldrin 39380		
X	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
X	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
X	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		ON SITE ANALYSES
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760	Parameter	Value
X	Cadmium 01027		Iodide 71865		2,4,5-T 39740	Flow 50050	mgd
	Calcium 00916		Odor 00086			Chlorine, Total 50060	mg/l
X	Chromium, Total 01034		Residue, Total 00500			Dissolved Oxygen 00300	mg/l
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J	pH 00400	5 units
X	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745	Temperature 00010	3 °C
						conductivity	40 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 NA 0 4 8

BASE WHERE SAMPLE COLLECTED: PEASE AFB - NH

SAMPLING SITE DESCRIPTION: ZONE-5, SW-25

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 1 3

TIME COLLECTION BEGAN (24 hour clock):

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: MAJ. BRIDGES, Tech. Program Mgr. Brooks AFB TX 78235
- COPY 1: 0 1 5 7 USAF HOSP/SGE PB PEASE AFB, NH 03803
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): MAJ S. Hoa

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: F N 8 5 0 1 4 4

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B			GROUP T
	Ammonia 00610	X	Hardness 00900		Residue, Settleable 50086	Bromoform 32104
	Chemical Oxygen Demand 00340	X	Iron 01045		Residue, Volatile 00505	Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955	Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095	Chloroform 32106
	Nitrite 00615	X	Manganese 01055		Sulfate 00945	Chloromethane 34418
X	Oil & Grease 00560	X	Mercury 71900		Sulfite 00740	Dibromochloromethane 32105
X	Organic Carbon 00680	X	Nickel 01067		Surfactants -MBAS 38260	Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076	Tetrachloroethylene 34475
	Phosphorus, Total 00665	X	Selenium 01147			1,1,1-Trichloroethane 34506
X	Total Organic Halogen	X	Silver 01077			Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H	Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340	PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092		Chlordane 39350	
					DDT Isomers 39370	
	GROUP E		GROUP G		Dieldrin 39380	
X	Phenols 32730		Acidity, Total 70508		Endrin 39390	
			Alkalinity, Total 00410		Heptachlor 39410	
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420	
	Antimony 01097		Bromide 71870		Lindane 39782	
X	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480	
X	Barium 01007		Chloride 00940		Toxaphene 39400	
	Beryllium 01012		Color 00080		2,4-D 39730	ON SITE ANALYSES
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760	Parameter / Value
X	Cadmium 01027		Iodide 71865		2,4,5-T 39740	Flow 50050 mgd
	Calcium 00916		Odor 00086			Chlorine, Total 50060 mg/l
X	Chromium, Total 01034		Residue, Total 00500			Dissolved Oxygen 00300 mg/l
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J	pH 00400 6.5 units
X	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745	Temperature 00010 6 °C
						Cond. umos 440

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 0AS

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 5, SW-26

DATE COLLECTION BEGAN (YYMMDD): 850131

TIME COLLECTION BEGAN (24 hour clock):

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: MAJ. BARNES, Jack, Program Mgr. Brooks AFB, TX 78235
- COPY 1: 0157 USAF HOSP/SGB PEASE AFB, NH 03803
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: C (A-ACCIDENT/INCIDENT, C-COMPLAINT, F-FOLLOWUP/CLEANUP, R-ROUTINE/PERIODIC, N-NPDES, O-OTHER (specify) IRP PHASE II)

BASE SAMPLE NUMBER: FN85C248

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340	X	Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625	X	Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
X	Oil & Grease 00560	X	Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
X	Organic Carbon 00680	X	Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665	X	Selenium 01147				1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN	X	Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092		Chlordane 39350		
					DDT Isomers 39370		
	GROUP E		GROUP G		Dieldrin 39380		
X	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
X	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
X	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		ON SITE ANALYSES
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760		Parameter / Value
X	Cadmium 01027		Iodide 71865		2,4,5-T 39740		Flow 50050 mgd
	Calcium 00916		Odor 00086				Chlorine, Total 50060 mg/l
	Chromium, Total 01034		Residue, Total 00500				Dissolved Oxygen 00300 mg/l
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		pH 00400 6.2 units
X	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		Temperature 00010 1 °C
							Conductance 350

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 012

BASE WHERE SAMPLE COLLECTED: PEASE AFB TX

SAMPLING SITE DESCRIPTION: ZONE 5, SW-27

DATE COLLECTION BEGAN (YYMMDD): 870813

TIME COLLECTION BEGAN (24 hour clock): 9:40

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: MR. BARNES, Tech. Program Mgr. Brooks AFB, TX 78235
- COPY 1: 0157 USAF Hosp/SG AB PEASE AFB, NH 03803
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON:

REASON FOR SUBMISSION: [F] A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6NP5C46

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340	X	Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625	X	Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
X	Oil & Grease 00560	X	Mercury 71900		Dibromochloromethane 32105
X	Organic Carbon 00680	X	Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665	X	Selenium 01147		1,1,1-Trichloroethane 34506
X	Total Organic Halogen	X	Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092		

	GROUP E		GROUP G		GROUP H
X	Phenols 32730		Acidity, Total 70508		BHC Isomers 39340
			Alkalinity, Total 00410		Chlordane 39350
	GROUP F		Alkalinity, Bicarbonate 00425		DDT Isomers 39370
	Antimony 01097		Bromide 71870		Dieldrin 39380
	Arsenic 01002		Carbon Dioxide 00405		Endrin 39390
	Barium 01007		Chloride 00940		Heptachlor 39410
	Beryllium 01012		Color 00080		Heptachlor Epoxide 39420
	Boron 01022		Fluoride 00951		Lindane 39782
	Cadmium 01027		Iodide 71865		Methoxychlor 39480
	Calcium 00916		Odor 00086		Toxaphene 39400
	Chromium, Total 01034		Residue, Total 00500		2,4-D 39730
	Chromium VI 01032		Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760
	Copper 01042		Residue, Nonfilterable 00530		2,4,5-T 39740

	GROUP J
	Sulfides 00745

ON SITE ANALYSES	
Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	units
Temperature 00010	3 °C
cond umos	250

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 NA 0 1 2

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 5, SS-28

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 1 1 3

TIME COLLECTION BEGAN (24 hour clock):

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: MAJ. BARNES Tech. Program Mgr. Brooks AFB, TX 78235
COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON:

REASON FOR SUBMISSION: O (A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II)

BASE SAMPLE NUMBER: 6N 57 0 0 4 7

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP D			GROUP E			GROUP F			GROUP G			GROUP H			GROUP T	
	Ammonia	00610		Cyanide, Total	00720	X	Phenols	32730		Antimony	01097		Acidity, Total	70508		BHC Isomers	39340		Bromoform	32104
	Chemical Oxygen Demand	00340		Cyanide, Free	00722					Arsenic	01002		Alkalinity, Total	00410		Chlordane	39350		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625								Barium	01007		Alkalinity, Bicarbonate	00425		DDT Isomers	39370		Carbon Tetrachloride	32102
	Nitrate	00620								Beryllium	01012		Bromide	71870		Dieldrin	39380		Chloroform	32106
	Nitrite	00615								Boron	01022		Carbon Dioxide	00405		Endrin	39390		Chloromethane	34418
	Oil & Grease	00560								Cadmium	01027		Chloride	00940		Heptachlor	39410		Dibromochloromethane	32105
	Organic Carbon	00680								Calcium	00916		Color	00080		Heptachlor Epoxide	39420		Methylene Chloride	34423
	Orthophosphate	00671								Chromium, Total	01034		Fluoride	00951		Lindane	39782		Tetrachloroethylene	34475
	Phosphorus, Total	00665								Chromium VI	01032		Iodide	71865		Methoxychlor	39480		1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALIDES	77								Copper	01042		Odor	00086		Toxaphene	39400		Trichloroethylene	39180
													Residue, Total	00500		2,4-D	39730		Trihalomethanes	82080
													Residue, Filterable (TDS)	70300		2,4,5-TP-Silvex	39760		PCBs	39516
													Residue, Nonfilterable	00530		2,4,5-T	39740			
													Residue, Settleable	50086						
													Residue, Volatile	00505						
													Silica	00955						
													Specific Conductance	00095						
													Sulfate	00945						
													Sulfite	00740						
													Surfactants -MBAS	38260						
													Turbidity	00076						
																GROUP J				
																Sulfides	00745			

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	/ units
Temperature	00010	/ °C
ambient temp		7cc

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 012

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 5, SW-29

DATE COLLECTION BEGAN (YYMMDD): 870613

TIME COLLECTION BEGAN (24 hour clock): 1152

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: MAJ. BARNES, Tech. Program Mgt. Brooks AFB, TX 78235
- COPY 1 (0157): USAF HSP/SG PB PEASE AFB, NH 03803
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: FN85004 8

DEHL PH:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610		Cyanide, Total 00720		X Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				X Arsenic 01002
	Kjeldahl Nitrogen 00625				GROUP G		X Barium 01007
	Nitrate 00620		GROUP H		Acidity, Total 70508		Beryllium 01012
	Nitrite 00615		BHC Isomers 39340		Alkalinity, Total 00410		Boron 01022
X	Oil & Grease 00560		Chlordane 39350		Alkalinity, Bicarbonate 00425		X Cadmium 01027
X	Organic Carbon 00680		DDT Isomers 39370		Bromide 71870		Calcium 00916
	Orthophosphate 00671		Dieldrin 39380		Carbon Dioxide 00405		Chromium, Total 01034
	Phosphorus, Total 00665		Endrin 39390		Chloride 00940		Chromium VI 01032
X	Total Organic Halogen		Heptachlor 39410		Color 00080		X Copper 01042
	Sodium 00929		Heptachlor Epoxide 39420		Fluoride 00951		
	Thallium 01059		Lindane 39782		Iodide 71865		
	Zinc 01092		Methoxychlor 39480		Odor 00086		
			Toxaphene 39400		Residue, Total 00500		
			2,4-D 39730		Residue, Filterable (TDS) 70300		
			2,4,5-TP-Silvex 39760		Residue, Nonfilterable 00530		
			2,4,5-T 39740		GROUP J		
					Sulfides 00745		

	GROUP T
	Bromoform 32104
	Bromodichloromethane 32101
	Carbon Tetrachloride 32102
	Chloroform 32106
	Chloromethane 34418
	Dibromochloromethane 32105
	Methylene Chloride 34423
	Tetrachloroethylene 34475
	1,1,1-Trichloroethane 34506
	Trichloroethylene 39180
	Trihalomethanes 82080
	PCBs 39516

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.5 units
Temperature	00010	2 °C
Cond. Umos		900

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 01 ST NH 0479

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 9, SW-30

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 8 1 2

TIME COLLECTION BEGAN (24 hour clock): 1015

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: MAJ. BARNES, Tech. Program Mgr. Brooks AFB TX 78235
COPY 1: 01 57 USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.B. Sutton

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6 N 8 5 0 0 3 5

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane	34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane	34506
X	Total Chromic Halocarbons		Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722	X See Attachment 6			DDT Isomers	39370			
						Dieldrin	39380			
	GROUP E		GROUP G			Endrin	39390			
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410			
			Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097	Bromide	71870		Methoxychlor	39480			
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400	7.5 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	4.5 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		conductivity	112 umos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 15 7 NA 2 1 3

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 4 SW-31

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 8 1 3

TIME COLLECTION BEGAN (24 hour clock): 0915

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed):
ORIGINAL: MAJ BARNES, Tech. Program Mgr. Brooks AFB TX 78235
COPY 1: 0 1 5 7 USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.H. Sutton

SIGNATURE: M.H. Sutton

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: 6 N P 5 0 6 3 6

DEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane	34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722	X See Attachment 6			DDT Isomers	39370			
						Dieldrin	39380			
	GROUP E		GROUP G			Endrin	39390			
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410			
			Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097	Bromide	71870		Methoxychlor	39480			
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400	7.4 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	4 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		Cond. Umhos	370

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 1 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 2, SITE 1, SW 3-2

DATE COLLECTION BEGAN (YYMMDD): 8 6 1 2 1 3

TIME COLLECTION BEGAN (24 hour clock): 1 1 6 7

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)

ORIGINAL: LTC Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1: 0 1 S 7 USAF HOSP/SGPB PEASE AFB, NH 03803-53

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.H. Su Hsu

SIGNATURE:

AUTOVON:

REASON FOR OMISSION: C

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: W 8 5 [illegible] S 0

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
TOTAL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Tribalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	X SEE ATTACHMENT b		DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865	X SEE ATTACHMENT		Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		

COMMENTS

F FORM 2752 JAN 81

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3

[d]Includes a maximum 50% increase for second column confirmation.

[e]Lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(For this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 NA 0 4 5

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SITE 9, 3W33

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 6 1 1

TIME COLLECTION BEGAN (24 hour clock): 1137

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)

ORIGINAL: Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803-53

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): [illegible]

SIGNATURE: [signature]

AUTOVON:

REASON FOR SUBMISSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: [illegible]

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP C		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants - MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
TOTAL CHEMIC HALOGEN		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity Total	70508	Endrin	39390		
		Alkalinity Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00439	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow 50050	mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	mg/l
Chromium VI	01032	Residue, Filterable	70300			pH 00400	units
Copper	01042	Residue, Nonfilterable	00530	GROUP J		Temperature 00010	°C
				Sulfides	00745		

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Do not write for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 NA 0 1 2

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 5 SW34

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 3 1 2

TIME COLLECTION BEGAN (24 hour clock): 10:20

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (make it changed)
ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX
COPY 1: 0 1 5 7 USAF HOSP/SGPB PEASE AFB, NH 03803-53
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.D. Sutter

SIGNATURE: M.D. Sutter

AUTOVON:

REASON FOR SUBMISSION: C
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) PHASE II IRP

BASE SAMPLE NUMBER: 6 N 8 5 0 0 4 9

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
X TOTAL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	X SEE ATTACHMENT		DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Beryllium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Cadmium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Chromium	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Copper	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Cyanide	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Lead, Total	01034	Residue, Total	00500			pH 00400	units
Mercury	01037	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	3 °C
Nickel	01042	Residue, Nonfilterable	00530	Sulfides	00745	conductivity	40 umhos

2757

U.S. GOVERNMENT PRINTING OFFICE: 1982-366-677

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

GEMS USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-9): 0157 PG 005

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 SMITH PW-1

DATE COLLECTION BEGAN (YYMMDD): 18 MAR 31 83

TIME COLLECTION BEGAN (24 hour clock): 9:11

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE ____ HOURS

78235

MAIL REPORTS TO (circle if changed)
ORIGINAL: MAJ. BARNES, Technical Program Mgr., Brooks AFB, TX
COPY 1: 0157 USAF HSC/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON:

REASON FOR SUBMISSION: O
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): DRP PHASE II

BASE SAMPLE NUMBER: F0 F5 C8 7

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP D			GROUP E			GROUP F			GROUP G			GROUP H			GROUP J			GROUP T	
	Ammonia	00610		Hardness	00900		Phenols	32730		Antimony	01097		Acidity, Total	70508		BHC Isomers	39340		Residue, Settleable	50086		Bromoform	32104
	Chemical Oxygen Demand	00340		Iron	01045					Arsenic	01002		Alkalinity, Total	00410		Chlordane	39350		Residue, Volatile	00505		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625		Lead	01051					Barium	01007		Alkalinity, Bicarbonate	00425		DDT Isomers	39370		Silica	00955		Carbon Tetrachloride	32102
	Nitrate	00620		Magnesium	00927					Beryllium	01012		Bromide	71870		Dieldrin	39380		Specific Conductance	00095		Chloroform	32106
	Nitrite	00615		Manganese	01055					Boron	01022		Carbon Dioxide	00405		Endrin	39390		Sulfate	00945		Chloromethane	34418
X	Oil & Grease	00560		Mercury	71900					Cadmium	01027		Chloride	00940		Heptachlor	39410		Sulfite	00740		Dibromochloromethane	32105
X	Organic Carbon	00680		Nickel	01067					Calcium	00916		Color	00080		Heptachlor Epoxide	39420		Surfactants -MBAS	38260		Methylene Chloride	34423
	Orthophosphate	00671		Potassium	00937					Chromium, Total	01034		Fluoride	00951		Lindane	39782		Turbidity	00076		Tetrachloroethylene	34475
	Phosphorus, Total	00665		Selenium	01147					Chromium VI	01032		Iodide	71865		Methoxychlor	39480					1,1,1-Trichloroethane	34506
X	Total Volatile Halocarbons			Silver	01077					Copper	01042		Odor	00086		Toxaphene	39400					Trichloroethylene	39180
				Sodium	00929								Residue, Total	00500		2,4-D	39730					Trihalomethanes	82080
				Thallium	01059								Residue, Filterable (TDS)	70300		2,4,5-TP-Silvex	39760					PCBs	39516
				Zinc	01092								Residue, Nonfilterable	00530		2,4,5-T	39740						
			X	Metals - See attached list	b																	X	VOC - See attached list	c

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400		units
Temperature	00010		°C
Total Solids		170	

COMMENTS

U.S. GOVERNMENT PRINTING OFFICE: 1982-366-677

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 P G [redacted] 006

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4, HARRISON, PW-2

DATE COLLECTION BEGAN (YYMMDD): 18 5 0 8 1 3

TIME COLLECTION BEGAN (24 hour clock): 9:30

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed): ORIGINAL — MAJ. BARNES, Technical Program Mgt., Brooks AFB TX 78235-
COPY 1 — 0157 USAF HSP/SGPB PEASE AFB, NH 03803
COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON

REASON FOR SUBMISSION: G — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6 P [redacted] 5 [redacted] 0 9

LABORATORY USE ONLY [redacted]

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP B			GROUP C			GROUP T
	Ammonia 00610			Hardness 00900			Residue, Settleable 50086			Bromoform 32104
	Chemical Oxygen Demand 00340			Iron 01045			Residue, Volatile 00505			Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625			Lead 01051			Silica 00955			Carbon Tetrachloride 32102
	Nitrate 00620			Magnesium 00927			Specific Conductance 00095			Chloroform 32106
	Nitrite 00615			Manganese 01055			Sulfate 00945			Chloromethane 34418
X	Oil & Grease 00560			Mercury 71900			Sulfite 00740			Dibromochloromethane 32105
X	Organic Carbon 00680			Nickel 01067			Surfactants -MBAS 38260			Methylene Chloride 34423
	Orthophosphate 00671			Potassium 00937			Turbidity 00076			Tetrachloroethylene 34475
	Phosphorus, Total 00665			Selenium 01147						1,1,1-Trichloroethane 34506
X	Total Chlorine Residual			Silver 01077						Trichloroethylene 39180
	GROUP D			Sodium 00929			GROUP H			Trihalomethanes 82080
	Cyanide, Total 00720			Thallium 01059			BHC Isomers 39340			PCBs 39516
	Cyanide, Free 00722	X		Zinc 01092	X		Chlordane 39350	X		VOC - see Attachment C
				Metals, see Attachment B			DDT Isomers 39370			
							Dieldrin 39380			
	GROUP E			GROUP G			Endrin 39390			
	Phenols 32730			Acidity, Total 70508			Heptachlor 39410			
				Alkalinity, Total 00410			Heptachlor Epoxide 39420			
	GROUP F			Alkalinity, Bicarbonate 00425			Lindane 39782			
	Antimony 01097			Bromide 71870			Methoxychlor 39480			
	Arsenic 01002			Carbon Dioxide 00405			Toxaphene 39400			
	Barium 01007			Chloride 00940			2,4-D 39730			ON SITE ANALYSES
	Beryllium 01012			Color 00080			2,4,5-TP-Silvex 39760	Parameter		Value
	Boron 01022			Fluoride 00951			2,4,5-T 39740	Flow 50050		mgd
	Cadmium 01027			Iodide 71865				Chlorine, Total 50060		mg/l
	Calcium 00916			Odor 00086				Dissolved Oxygen 00300		mg/l
	Chromium, Total 01034			Residue, Total 00500				pH 00400		7.1 units
	Chromium VI 01032			Residue, Filterable (TDS) 70300			GROUP J	Temperature 00010		9 °C
	Copper 01042			Residue, Nonfilterable 00530			Sulfides 00745	Cool Ice		2 cc

COMMENTS

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 [redacted] [redacted] 0 0 7

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 4, HAVEN, PW-3

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 3 1 3

TIME COLLECTION BEGAN (24 hour clock): 9158

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: MAJ. BARNES, Tech. Program Mgr., Brooks AFB TX 78235
COPY 1: 0 1 5 7 USAF Hosp/SGPB PEASE AFB, NH 03803
COPY 2: —

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON:

REASON FOR SUBMISSION: C
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: 6 P E 5 [redacted] 9 0

DEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T	
	Ammonia	00610	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745	Bromoform	32104
	Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350			Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370			Carbon Tetrachloride	32102
	Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380			Chloroform	32106
	Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390			Chloromethane	34418
X	Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410			Dibromochloromethane	32105
X	Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420			Methylene Chloride	34423
	Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782			Tetrachloroethylene	34475
	Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480			1,1,1-Trichloroethane	34506
X	Total NH3 Amm. Nitrogen						Copper	01042	Odor	00085	Toxaphene	39400			Trichloroethylene	39180
							Iron	01045	Residue, Total	00500	2,4-D	39730			Tribalomethanes	82080
							Lead	01051	Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760			PCBs	39516
							Magnesium	00927	Residue, Nonfilterable	00530	2,4,5-T	39740				
							Manganese	01055	Residue, Settleable	50086						
							Mercury	71900	Residue, Volatile	00505						
							Nickel	01067	Silica	00955						
							Potassium	00937	Specific Conductance	00095						
							Selenium	01147	Sulfate	00945						
							Silver	01077	Sulfite	00740						
							Sodium	00929	Surfactants - MBAS	38260						
							Thallium	01059	Turbidity	00076						
X			X	Metals - See Attachment B			Zinc	01092							X	VOC - See Attachment C

OK SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	7.5 units
Temperature	00010	16 °C
[illegible]		ACD

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157P6 04 08

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 1, MMS 2, PW 1

DATE COLLECTION BEGAN (YYMMDD): 870113

TIME COLLECTION BEGAN (24 hour clock): 1015

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed):
- ORIGINAL: MAJ. BARNES, Tech. Program Mgr., Brooks AFB TX 78235
- COPY 1: 0157 USAF Hosp/SGPB PEASE AFB, NH 03803
- COPY 2: ----

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON:

REASON FOR SUBMISSION: O (A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II)

BASE SAMPLE NUMBER: EP85C0091

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane	34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	70671	Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALIDES		Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722	X Metals - see Attachment B			DDT Isomers	39370	X	VOC - see Attachment C	
						Dieldrin	39380			
	GROUP E		GROUP G			Endrin	39390			
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410			
			Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097	Bromide	71870		Methoxychlor	39480			
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400	7.5 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	10 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		Coliforms	210

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 PC CC9

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4, MWS-2, PW-5

DATE COLLECTION BEGAN (YYMMDD): 870813

TIME COLLECTION BEGAN (24 hour clock): 10:40

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE ____ HOURS

MAIL REPORTS TO (circle if changed) — ORIGINAL: MAJ. BARNES, Tech. Program Mgr., Brooks AFB, TX 78235; COPY 1: 2157 USAF HOSP/SGPB PEASE AFB, NH 03803; COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M.A. Sutton

SIGNATURE: M.A. Sutton

AUTOVON:

REASON FOR SUBMISSION: [C]

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: EPE5009Z

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP B			GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
X	Total Organic Halogen		Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092		Chlordane 39350		
		X	Metals - see Attachment		DDT Isomers 39370	X	VOC - see Attachment C
	GROUP E		GROUP G		Dieldrin 39380		
	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		ON SITE ANALYSES
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760		Parameter / Value
	Cadmium 01027		Iodide 71865		2,4,5-T 39740		Flow 50050 ____ mgd
	Calcium 00916		Odor 00086				Chlorine, Total 50060 ____ mg/l
	Chromium, Total 01034		Residue, Total 00500				Dissolved Oxygen 00300 ____ mg/l
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		pH 00400 9 units
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		Temperature 00010 10 °C
							Lab Blank 200

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157NG010

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 4, LOCMIS, MW-6

DATE COLLECTION BEGAN (YYMMDD): 870213

TIME COLLECTION BEGAN (24 hour clock): 1054

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: MAJ. BARNES, Tech. Program Mgt., Bldg AFB TX 75235
COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): M A Sutton

SIGNATURE: M A Sutton

AUTOVON:

REASON FOR SUBMISSION: [ ] A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) [illegible]

BASE SAMPLE NUMBER: GP[illegible]3

DEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002
	Kjeldahl Nitrogen 00625						Barium 01007
	Nitrate 00620						Beryllium 01012
	Nitrite 00615						Boron 01022
X	Oil & Grease 00560						Cadmium 01027
X	Organic Carbon 00680						Calcium 00916
	Orthophosphate 00671						Chromium, Total 01034
	Phosphorus, Total 00665						Chromium VI 01032
X	Total Chronic Nitrogen						Copper 01042

	Hardness 00900		GROUP G
	Iron 01045		Acidity, Total 70508
	Lead 01051		Alkalinity, Total 00410
	Magnesium 00927		Alkalinity, Bicarbonate 00425
	Manganese 01055		Bromide 71870
	Mercury 71900		Carbon Dioxide 00405
	Nickel 01067		Chloride 00940
	Potassium 00937		Color 00080
	Selenium 01147		Fluoride 00951
	Silver 01077		Iodide 71865
	Sodium 00929		Odor 00086
	Thallium 01059		Residue, Total 00500
	Zinc 01092		Residue, Filterable (TDS) 70300
X	Metals see attachment C		Residue, Nonfilterable 00530

	Residue, Settleable 50086		GROUP T
	Residue, Volatile 00505		Bromoform 32104
	Silica 00955		Bromodichloromethane 32101
	Specific Conductance 00095		Carbon Tetrachloride 32102
	Sulfate 00945		Chloroform 32106
	Sulfite 00740		Chloromethane 34418
	Surfactants - MBAS 38260		Dibromochloromethane 32105
	Turbidity 00076		Methylene Chloride 34423
			Tetrachloroethylene 34475
			1,1,1-Trichloroethane 34506
	GROUP H		Trichloroethylene 39180
	BHC Isomers 39340		Trihalomethanes 82080
	Chlordane 39350		PCBs 39516
	DDT Isomers 39370	X	VOC - see attachment C
	Dieldrin 39380		
	Endrin 39390		
	Heptachlor 39410		
	Heptachlor Epoxide 39420		
	Lindane 39782		
	Methoxychlor 39480		
	Toxaphene 39400		
	2,4-D 39730		ON SITE ANALYSES
	2,4,5-TP-Silvex 39760		Parameter / Value
	2,4,5-T 39740		Flow 50050 — mgd
			Chlorine, Total 50060 — mg/l
			Dissolved Oxygen 00300 — mg/l
			pH 00400 — 6.8 units
	GROUP J		Temperature 00010 — 11 °C
	Sulfides 00745		Conductance — 250

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A - 0 S 9

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 1

DATE COLLECTION BEGAN (YYMMDD): [illegible]

TIME COLLECTION BEGAN (24 hour clock): [illegible]

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: [signature]

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, H-HPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 85 01 63

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929	GROUP H	Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059	BHC Isomers 39340	PCBs 39516
	Cyanide, Free 00722		Zinc 01092	Chlordane 39350	
				DDT Isomers 39370	
	GROUP E		GROUP G	Dieldrin 39380	
	Phenols 32730		Acidity, Total 70508	Endrin 39390	
			Alkalinity, Total 00410	Heptachlor 39410	
	GROUP F		Alkalinity, Bicarbonate 00425	Heptachlor Epoxide 39420	
	Antimony 01097		Bromide 71870	Lindane 39782	
	Arsenic 01002		Carbon Dioxide 00405	Methoxychlor 39480	
	Barium 01007		Chloride 00940	Toxaphene 39400	
	Beryllium 01012		Color 00080	2,4-D 39730	
	Boron 01022		Fluoride 00951	2,4,5-TP-Silvex 39760	
	Cadmium 01027		Iodide 71865	2,4,5-T 39740	
	Calcium 00916		Odor 00086		
	Chromium, Total 01034		Residue, Total 00500		
	Chromium VI 01032		Residue, Filterable (TDS) 70300	GROUP J	
	Copper 01042		Residue, Nonfilterable 00530	Sulfides 00745	

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C
CONDUCTIVITY		μmho:

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 6 0

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 2

DATE COLLECTION BEGAN (YYMMDD):

TIME COLLECTION BEGAN (24 hour clock): 1142

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: 10 (A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II)

BASE SAMPLE NUMBER: GW 85 0164

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		Chlordane 39350		
					DDT Isomers 39370		
	GROUP E		GROUP G		Dieldrin 39380		
	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		ON SITE ANALYSES
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760		Parameter / Value
	Cadmium 01027		Iodide 71865		2,4,5-T 39740		Flow 50050 mgd
	Calcium 00916		Odor 00086				Chlorine, Total 50060 mg/l
	Chromium, Total 01034		Residue, Total 00500				Dissolved Oxygen 00300 mg/l
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		pH 00400 units
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		Temperature 00010 °C
							CONDUCTIVITY µmhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 061

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 3

DATE COLLECTION BEGAN (YYMMDD):

TIME COLLECTION BEGAN (24 hour clock):

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WIEBOLDING)

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: 10
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0165

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097		Acidity, Total 70508		BHC Isomers 39340		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370		Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380		Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390		Chloromethane 34418
X	Oil & Grease 00560						Cadmium 01027		Chloride 00940		Heptachlor 39410		Dibromochloromethane 32105
X	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420		Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782		Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865		Methoxychlor 39480		1,1,1-Trichloroethane 34506
X	Total Organic Halogen						Copper 01042		Odor 00086		Toxaphene 39400		Trichloroethylene 39180
									Residue, Total 00500		2,4-D 39730		Trihalomethanes 82080
									Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760		PCBs 39516
									Residue, Nonfilterable 00530		2,4,5-T 39740		
											Sulfides 00745		

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	units
Temperature	00010	°C
CONDUCTIVITY		µmh

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 6 2

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 4

DATE COLLECTION BEGAN (YYMMDD):

TIME COLLECTION BEGAN (24 hour clock):

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 1 6 6

LOCAL USE

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGENS		Sodium	00929		GROUP H			Trichloroethylene 39180
X	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	mgd
	Cadmium	01027	Iodide	71865				Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	°C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	CONDUCTIVITY	μmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157NA-0063

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 5

DATE COLLECTION BEGAN (YYMMDD): 850710

TIME COLLECTION BEGAN (24 hour clock): 1215

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WIEBOLDT MC)

SIGNATURE: [signature]

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW85016 7

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A				GROUP B				GROUP C				GROUP T	
	Ammonia	00610		Hardness	00900		Residue, Settleable	50086		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340		Iron	01045		Silica	00955		Specific Conductance	00095		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625		Lead	01051		Sulfate	00945		Sulfite	00740		Carbon Tetrachloride	32102
	Nitrate	00620		Magnesium	00927		Surfactants -MBAS	38260		Turbidity	00076		Chloroform	32106
	Nitrite	00615		Manganese	01055								Chloromethane	34418
X	Oil & Grease	00560		Mercury	71900								Dibromochloromethane	32105
X	Organic Carbon	00680		Nickel	01067								Methylene Chloride	34423
	Orthophosphate	00671		Potassium	00937								Tetrachloroethylene	34475
	Phosphorus, Total	00665		Selenium	01147								1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGEN			Silver	01077								Trichloroethylene	39180
	GROUP D			Sodium	00929		GROUP H						Trihalomethanes	82080
X	Cyanide, Total	00720		Thallium	01059		BHC Isomers	39340					PCBs	39516
	Cyanide, Free	00722		Zinc	01092		Chlordane	39350						
			X	SEE ATTACHMENT			DDT Isomers	39370						
							Dieldrin	39380						
	GROUP E			GROUP G			Endrin	39390						
X	Phenols	32730		Acidity, Total	70508		Heptachlor	39410						
				Alkalinity, Total	00410		Heptachlor Epoxide	39420						
	GROUP F			Alkalinity, Bicarbonate	00425		Lindane	39782						
	Antimony	01097		Bromide	71870		Methoxychlor	39480						
	Arsenic	01002		Carbon Dioxide	00405		Toxaphene	39400						
	Barium	01007		Chloride	00940		2,4-D	39730						
	Beryllium	01012		Color	00080		2,4,5-TP-Silvex	39760						
	Boron	01022		Fluoride	00951		2,4,5-T	39740						
	Cadmium	01027		Iodide	71865	X	SEE ATTACHMENT							
	Calcium	00916		Odor	00086									
	Chromium, Total	01034		Residue, Total	00500									
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J							
	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745						

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400	7.1	units
Temperature	00010	0	°C
CONDUCTIVITY		1	µmhos

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3.

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA - 0064

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 6

DATE COLLECTION BEGAN: 18 15 04 12 19

TIME COLLECTION BEGAN (24 hour clock): 1410

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (Initials if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1: 0157 - LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F. WEISOUM)

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: O
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT H-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0168

SPECIAL TRANSACTION TYPE

ANALYSES REQUESTED (check appropriate blocks)

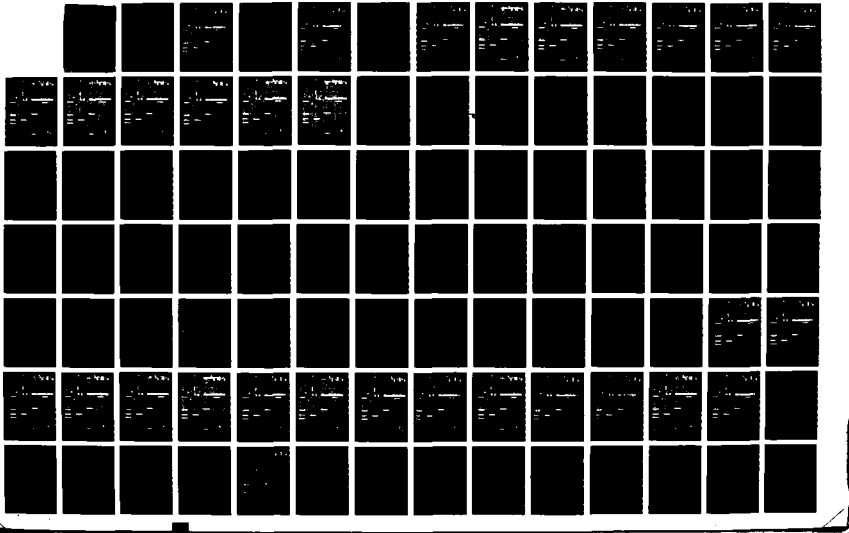
	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
X	Total Organic Halogens		Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
X	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092		Chlordane 39350		
			SEE ATTACHMENTS		DDT Isomers 39370		
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
X	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
	Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050 mgd
	Cadmium 01027		Iodide 71865	X	SEE ATTACHMENTS		Chlorine, Total 50060 mg/l
	Calcium 00916		Odor 00086				Dissolved Oxygen 00300 mg/l
	Chromium, Total 01034		Residue, Total 00500				pH 00400 6.2 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 8 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		CONDUCTIVITY 150 M mhos

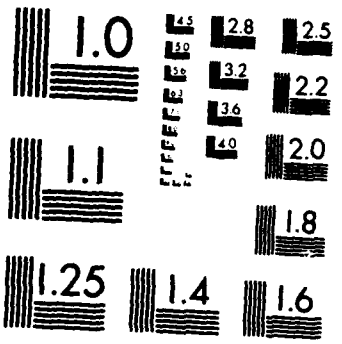
COMMENTS

AF FORM 2752 JAN 81

AD-A184 843 INSTALLATION RESTORATION PROGRAM PHASE 2 CONFIRMATION/QUANTIFICATION STAG..(U) WESTON (ROY F) INC WEST CHESTER PA R L KRAYBILL ET AL. AUG 87 9/10

UNCLASSIFIED F33615-84-D-4400 F/G 24/4 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3 .

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 065

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 7

DATE COLLECTION BEGAN (YYMMDD): 851014

TIME COLLECTION BEGAN (24 hour clock): 1545

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBSTON MC)

SIGNATURE: [signature]

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0169

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGENS		Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929		Trihalomethanes 82080
X	Cyanide, Total 00720		Thallium 01059		PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092		
			SEE ATTACHMENT		

	GROUP E		GROUP G		GROUP H
X	Phenols 32730		Acidity, Total 70508		BHC Isomers 39340
			Alkalinity, Total 00410		Chlordane 39350
	GROUP F		Alkalinity, Bicarbonate 00425		DDT Isomers 39370
	Antimony 01097		Bromide 71870		Dieldrin 39380
	Arsenic 01002		Carbon Dioxide 00405		Endrin 39390
	Barium 01007		Chloride 00940		Heptachlor 39410
	Beryllium 01012		Color 00080		Heptachlor Epoxide 39420
	Boron 01022		Fluoride 00951		Lindane 39782
	Cadmium 01027		Iodide 71865		Methoxychlor 39480
	Calcium 00916		Odor 00086		Toxaphene 39400
	Chromium, Total 01034		Residue, Total 00500		2,4-D 39730
	Chromium VI 01032		Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760
	Copper 01042		Residue, Nonfilterable 00530		2,4,5-T 39740
				X	SEE ATTACHMENT

	GROUP I		GROUP J
	Residue, Settleable 50086		Sulfides 00745
	Residue, Volatile 00505		
	Silica 00955		
	Specific Conductance 00095		
	Sulfate 00945		
	Sulfite 00740		
	Surfactants -MBAS 38260		
	Turbidity 00076		

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400	7	units
Temperature	00010	10	°C
CONDUCTIVITY		420	μmhos

COMMENTS

AF FORM JAN 81 2752

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 5 .

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 0666

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 8

DATE COLLECTION BEGAN (YYMMDD): 18 5 0 1 4 6 1 9 1

TIME COLLECTION BEGAN (24 hour clock): 1700

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0170

LOCAL USE

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900	Residue, Settleable 50086	Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045	Residue, Volatile 00505	Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051	Silica 00955	Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927	Specific Conductance 00095	Chloroform 32106
	Nitrite 00615		Manganese 01055	Sulfate 00945	Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900	Sulfite 00740	Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067	Surfactants -MBAS 38260	Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937	Turbidity 00076	Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGENS		Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929	GROUP H	Trihalomethanes 82080
X	Cyanide, Total 00720		Thallium 01059	BHC Isomers 39340	PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092	Chlordane 39350	
			SEE ATTACHMENT	DDT Isomers 39370	
				Dieldrin 39380	
	GROUP E		GROUP G	Endrin 39390	
X	Phenols 32730		Acidity, Total 70508	Heptachlor 39410	
			Alkalinity, Total 00410	Heptachlor Epoxide 39420	
	GROUP F		Alkalinity, Bicarbonate 00425	Lindane 39782	
	Antimony 01097		Bromide 71870	Methoxychlor 39480	
	Arsenic 01002		Carbon Dioxide 00405	Toxaphene 39400	
	Barium 01007		Chloride 00940	2,4-D 39730	ON SITE ANALYSES
	Beryllium 01012		Color 00080	2,4,5-TP-Silvex 39760	Parameter / Value
	Boron 01022		Fluoride 00951	2,4,5-T 39740	Flow 50050 mgd
	Cadmium 01027		Iodide 71865	X SEE ATTACHMENT	Chlorine, Total 50060 mg/l
	Calcium 00916		Odor 00086		Dissolved Oxygen 00300 mg/l
	Chromium, Total 01034		Residue, Total 00500		pH 00400 9 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300	GROUP J	Temperature 00010 10 °C
	Copper 01042		Residue, Nonfilterable 00530	Sulfides 00745	CONDUCTIVITY 110 µmhos

COMMENTS

AF FORM JAN 81 2752

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3.

[d]Includes a maximum 50% increase for second column confirmation.

[e]Lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157NA067

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 9

DATE COLLECTION BEGAN: 18 (MMDD) 4 3 90

TIME COLLECTION BEGAN (24 hour clock): 1012

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, H-HPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 01 71 1

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A				GROUP D				GROUP E				GROUP F			
	Ammonia	00610		Hardness	00900		Cyanide, Total	00720		Phenols	32730		Antimony	01097		Hardness	00900
	Chemical Oxygen Demand	00340		Iron	01045		Cyanide, Free	00722					Arsenic	01002		Iron	01045
	Kjeldahl Nitrogen	00625		Lead	01051								Barium	01007		Lead	01051
	Nitrate	00620		Magnesium	00927								Beryllium	01012		Magnesium	00927
	Nitrite	00615		Manganese	01055								Boron	01022		Manganese	01055
X	Oil & Grease	00560		Mercury	71900								Cadmium	01027		Mercury	71900
X	Organic Carbon	00680		Nickel	01067								Calcium	00916		Nickel	01067
	Orthophosphate	00671		Potassium	00937								Chromium, Total	01034		Potassium	00937
	Phosphorus, Total	00665		Selenium	01147								Chromium VI	01032		Selenium	01147
X	TOTAL ORGANIC HALOGEN			Silver	01077								Copper	01042		Silver	01077
				Sodium	00929											Sodium	00929
				Thallium	01059											Thallium	01059
				Zinc	01092											Zinc	01092
			X	SEE ATTACHMENT											X	SEE ATTACHMENT	

	GROUP H			GROUP T	
	Residue, Settleable	50086		Bromoform	32104
	Residue, Volatile	00505		Bromodichloromethane	32101
	Silica	00955		Carbon Tetrachloride	32102
	Specific Conductance	00095		Chloroform	32106
	Sulfate	00945		Chloromethane	34418
	Sulfite	00740		Dibromochloromethane	32105
	Surfactants -MBAS	38260		Methylene Chloride	34423
	Turbidity	00076		Tetrachloroethylene	34475
				1,1,1-Trichloroethane	34506
				Trichloroethylene	39180
				Trihalomethanes	82080
				PCBs	39516

	GROUP G			GROUP H			GROUP J		
	Acidity, Total	70508		BHC Isomers	39340		Sulfides	00745	
	Alkalinity, Total	00410		Chlordane	39350				
	Alkalinity, Bicarbonate	00425		DDT Isomers	39370				
	Bromide	71870		Dieldrin	39380				
	Carbon Dioxide	00405		Endrin	39390				
	Chloride	00940		Heptachlor	39410				
	Color	00080		Heptachlor Epoxide	39420				
	Fluoride	00951		Lindane	39782				
	Iodide	71865		Methoxychlor	39480				
	Odor	00086		Toxaphene	39400				
	Residue, Total	00500		2,4-D	39730				
	Residue, Filterable (TDS)	70300		2,4,5-TP-Silvex	39760				
	Residue, Nonfilterable	00530		2,4,5-T	39740				
			X	SEE ATTACHMENT					

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	7.5 units
Temperature	00010	11 °C
CONDUCTIVITY		290 µ mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical keypunch.)

SAMPLING SITE IDENTIFIER (AFR 19-9): 0 1 S 7 NA 0 6 8

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 10

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 1 1 1

TIME COLLECTION BEGAN (24 hour clock): 9:23

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBTON MC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 85 01 7 2

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	00545		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 — mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060 — mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300 — mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400 — 6.5 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — 10 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		CONDUCTIVITY — 140 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

LABORATORY ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 W A 0 6 9

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 11

DATE COLLECTION BEGAN (YYMMDD): 18 5 0 5 0 1

TIME COLLECTION BEGAN (24 hour clock): 16:0N

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON MC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, H-HPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0173

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097		Acidity, Total 70508		EHC Isomers 39340		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370		Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380		Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390		Chloromethane 34418
X	Oil & Grease 00560						Cadmium 01027		Chloride 00940		Heptachlor 39410		Dibromochloromethane 32105
X	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420		Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782		Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865		Methoxychlor 39480		1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN						Copper 01042		Odor 00086		Toxaphene 39400		Trichloroethylene 39180
									Residue, Total 00500		2,4-D 39730		Trihalomethanes 82080
									Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760		PCBs 39516
									Residue, Nonfilterable 00530		2,4,5-T 39740		

	GROUP J
	Sulfides 00745

	Residue, Settleable 50086
	Residue, Volatile 00505
	Silica 00955
	Specific Conductance 00095
	Sulfate 00945
	Sulfite 00740
	Surfactants - MBAS 38260
	Turbidity 00076

ON SITE ANALYSES

Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	6.5 units
Temperature 00010	10 °C
CONDUCTIVITY	480 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

LABORATORY ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 070

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 12

DATE COLLECTION BEGAN (YYMMDD): 850131

TIME COLLECTION BEGAN (24 hour clock): 1035

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF ORHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBTON MC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, G-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 01 74

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T
	Ammonia 00610		Iron 01045		Residue, Volatile 00505		Bromoform 32104
	Chemical Oxygen Demand 00340		Lead 01051		Silica 00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Nitrate 00620		Manganese 01055		Sulfate 00945		Chloroform 32106
	Nitrite 00615		Mercury 71900		Sulfite 00740		Chloromethane 34418
X	Oil & Grease 00560		Nickel 01067		Surfactants -MBAS 38260		Dibromochloromethane 32105
X	Organic Carbon 00680		Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Orthophosphate 00671		Selenium 01147				Tetrachloroethylene 34475
	Phosphorus, Total 00665		Silver 01077				1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Sodium 00929		GROUP H		Trichloroethylene 39180
	GROUP D		Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Cyanide, Total 00720		Zinc 01092		Chlordane 39350		PCBs 39516
	Cyanide, Free 00722				DDT Isomers 39370		
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
	Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050 — mgd
	Cadmium 01027		Iodide 71865				Chlorine, Total 50060 — mg/l
	Calcium 00916		Odor 00086				Dissolved Oxygen 00300 — mg/l
	Chromium, Total 01034		Residue, Total 00500				pH 00400 — 6.8 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 — 10 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		CONDUCTIVITY — 160 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-9): 0 1 S 7 N A 0 7 1

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 13

DATE COLLECTION BEGAN (YR MO DAY): 8 5 0 5 0 9

TIME COLLECTION BEGAN (24 hour clock): 10:00

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1 (0157): LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 85 01 75

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP D			GROUP E			GROUP F			GROUP G			GROUP H			GROUP J			GROUP T	
	Ammonia	00610		Cyanide, Total	00720		Phenols	32730		Antimony	01097		Hardness	00900		BHC Isomers	39340		Sulfides	00745		Bromoform	32104
	Chemical Oxygen Demand	00340		Cyanide, Free	00722					Arsenic	01002		Iron	01045		Chlordane	39350					Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625					GROUP E			Barium	01007		Lead	01051		DDT Isomers	39370					Carbon Tetrachloride	32102
	Nitrate	00620								Beryllium	01012		Magnesium	00927		Dieldrin	39380					Chloroform	32106
	Nitrite	00615								Boron	01022		Mercury	71900		Endrin	39390					Chloromethane	34418
X	Oil & Grease	00560								Cadmium	01027		Nickel	01067		Heptachlor	39410					Dibromochloromethane	32105
X	Organic Carbon	00680								Calcium	00916		Potassium	00937		Heptachlor Epoxide	39420					Methylene Chloride	34423
	Orthophosphate	00671								Chromium, Total	01034		Selenium	01147		Lindane	39782					Tetrachloroethylene	34475
	Phosphorus, Total	00665								Chromium VI	01032		Silver	01077		Methoxychlor	39480					1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGEN									Copper	01042		Sodium	00929		Toxaphene	39400					Trichloroethylene	39180
													Thallium	01059		2,4-D	39730					Trihalomethanes	82080
													Zinc	01092		2,4,5-TP-Silvex	39760					PCBs	39516
																2,4,5-T	39740						

	Sulfate	00945
	Sulfite	00740
	Surfactants -MBAS	38260
	Turbidity	00076

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.8 units
Temperature	00010	11 °C
CONDUCTIVITY		182 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

GEMLABS ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 7 2

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 14

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 5 0 1

TIME COLLECTION BEGAN (24 hour clock): 11.48

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF ORHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: G W 8 5 0 1 7 6

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097		Acidity, Total 70508		BHC Isomers 39340		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370		Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380		Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390		Chloromethane 34418
X	Oil & Grease 00560						Cadmium 01027		Chloride 00940		Heptachlor 39410		Dibromochloromethane 32105
X	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420		Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782		Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865		Methoxychlor 39480		1,1,1-Trichloroethane 34506
X	Total Organic Halogen 00929						Copper 01042		Odor 00086		Toxaphene 39400		Trichloroethylene 39180
	Sodium 00929						Iron 01045		Residue, Total 00500		2,4-D 39730		Trihalomethanes 82080
	Thallium 01059						Lead 01051		Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760		PCBs 39516
	Zinc 01092						Magnesium 00927		Residue, Nonfilterable 00530		2,4,5-T 39740		
							Manganese 01055						
							Mercury 71900						
							Nickel 01067						
							Potassium 00937						
							Selenium 01147						
							Silver 01077						

	GROUP J
	Sulfides 00745
	Residue, Settleable 50086
	Residue, Volatile 00505
	Silica 00955
	Specific Conductance 00095
	Sulfate 00945
	Sulfite 00740
	Surfactants - MBAS 38260
	Turbidity 00076

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.2 units
Temperature	00010	11 °C
CONDUCTIVITY		100 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for machanical imprint)

HQ USAFE/SGPB USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 073

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 15

DATE COLLECTION BEGAN (EXTENDED): 18 5 05 10 11

TIME COLLECTION BEGAN (24 hour clock): 1121

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF ORHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBSTER MC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0177

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGENS		Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		Chlordane 39350		
					DDT Isomers 39370		
	GROUP E		GROUP G		Dieldrin 39380		
	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760		
	Cadmium 01027		Iodide 71865		2,4,5-T 39740		
	Calcium 00916		Odor 00086				
	Chromium, Total 01034		Residue, Total 00500				
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		

ON SITE ANALYSES		
Parameter		Value
Flow 50050		mgd
Chlorine, Total 50060		mg/l
Dissolved Oxygen 00300		mg/l
pH 00400	6.8	units
Temperature 00010	11	°C
CONDUCTIVITY	40	µmhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

AFRCE-MX USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 7 4

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 16

DATE COLLECTION BEGAN: 18, 87 (CORRECTED) 0 5 1 5 0 7 2

TIME COLLECTION BEGAN (24 hour clock): 1405

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 5 7 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBSTON MC)

SIGNATURE: Glenn Robert

AUTOVON:

REASON FOR SUBMISSION: O
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT H-HPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 1 7 8

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP B			GROUP T	
	Ammonia	00610	Hardness	00900	Residue,Settleable	50086	Bromoform	32104
	Chemical Oxygen Demand	00340	Iron	01045	Residue,Volatile	00505	Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
	Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
	Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
X	Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
X	Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
	Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
	Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGEN		Silver	01077			Trichloroethylene	39180
	GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
	Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
	Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
					DDT Isomers	39370		
	GROUP E		GROUP G		Dieldrin	39380		
	Phenols	32730	Acidity, Total	70508	Endrin	39390		
			Alkalinity, Total	00410	Heptachlor	39410		
	GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
	Antimony	01097	Bromide	71870	Lindane	39782		
	Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
	Barium	01007	Chloride	00940	Toxaphene	39400		
	Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
	Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter / Value	
	Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow 50050	mgd
	Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
	Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	mg/l
	Chromium VI	01032	Residue, Filterable (TDS)	70300			pH 00400	8.7 units
	Copper	01042	Residue, Nonfilterable	00530	GROUP J		Temperature 00010	9.5 °C
					Sulfides	00745	CONDUCTIVITY	80 µmhos

COMMENTS

AF FORM JAN 91 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEFENSE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 7 S

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 17

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 1 0 2

TIME COLLECTION BEGAN (24 hour clock): 1425

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check M changed)
- ORIGINAL: [X] USAF ORHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 [X] LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2: [X]

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, F-FOLLOWUP/CLEANUP, H-HPDES, O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 1 7 9

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097		Acidity, Total 70508		BHC Isomers 39340		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370		Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380		Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390		Chloromethane 34418
X	Oil & Grease 00550						Cadmium 01027		Chloride 00940		Heptachlor 39410		Dibromochloromethane 32105
	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420		Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782		Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865		Methoxychlor 39480		1,1,1-Trichloroethane 34506
							Copper 01042		Odor 00086		Toxaphene 39400		Trichloroethylene 39180
									Residue, Total 00500		2,4-D 39730		Trihalomethanes 32080
									Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760		PCBs 39516
									Residue, Nonfilterable 00530		2,4,5-T 39740		

	Residue, Settleable 00545		GROUP J
	Residue, Volatile 00535		Sulfides 00745
	Silica 00955		
	Specific Conductance 00095		
	Sulfate 00945		
	Sulfite 00740		
	Surfactants - MBAS 38260		
	Turbidity 00076		

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.2 units
Temperature	00010	9.0 °C
CONDUCTIVITY		40 µmhos

COMMENTS

AF FORM JAN 91 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEFENSE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 7 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 18

DATE COLLECTION BEGAN (YYMMDD): 18 5 10 5 10 7

TIME COLLECTION BEGAN (24 hour clock): 1008

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBTON MC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 1 8 1

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGENS		Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929	GROUP H	Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059	BHC Isomers 39340	PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092	Chlordane 39350	
		X	SEE ATTACHMENT	DDT Isomers 39370	X SEE ATTACHMENT
				Dieldrin 39380	
	GROUP E		GROUP G	Endrin 39390	
X	Phenols 32730		Acidity, Total 70508	Heptachlor 39410	
			Alkalinity, Total 00410	Heptachlor Epoxide 39420	
	GROUP F		Alkalinity, Bicarbonate 00425	Lindane 39782	
	Antimony 01097		Bromide 71870	Methoxychlor 39480	
	Arsenic 01002		Carbon Dioxide 00405	Toxaphene 39400	
	Barium 01007		Chloride 00940	2,4-D 39730	
	Beryllium 01012		Color 00080	2,4,5-TP-Silvex 39760	
	Boron 01022		Fluoride 00951	2,4,5-T 39740	
	Cadmium 01027		Iodide 71865		
	Calcium 00916		Odor 00086		
	Chromium, Total 01034		Residue, Total 00500		
	Chromium VI 01032		Residue, Filterable (TDS) 70300	GROUP J	
	Copper 01042		Residue, Nonfilterable 00530	Sulfides 00745	
			Residue, Settleable 50086		
			Residue, Volatile 00505		
			Silica 00955		
			Specific Conductance 00095		
			Sulfate 00945		
			Sulfite 00740		
			Surfactants - MBAS 38260		
			Turbidity 00076		

ON SITE ANALYSES

Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	7.0 units
Temperature 00010	10.0 °C
CONDUCTIVITY	230 μ mhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

GENL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 7 7

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 19

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 5 0 7

TIME COLLECTION BEGAN (24 hour clock): 1212

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 1 F 3

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
X	Total Organic Halogen		Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092	X	SEE ATTACHMENTS
		X	SEE ATTACHMENTS		

	GROUP E		GROUP G		GROUP H		
X	Phenols 32730		Acidity, Total 70508		BHC Isomers 39340		
			Alkalinity, Total 00410		Chlordane 39350		
	GROUP F		Alkalinity, Bicarbonate 00425		DDT Isomers 39370		
	Antimony 01097		Bromide 71870		Dieldrin 39380		
	Arsenic 01002		Carbon Dioxide 00405		Endrin 39390		
	Barium 01007		Chloride 00940		Heptachlor 39410		
	Beryllium 01012		Color 00080		Heptachlor Epoxide 39420		
	Boron 01022		Fluoride 00951		Lindane 39782		
	Cadmium 01027		Iodide 71865		Methoxychlor 39480		
	Calcium 00916		Odor 00086		Toxaphene 39400		
	Chromium, Total 01034		Residue, Total 00500		2,4-D 39730		
	Chromium VI 01032		Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760		
	Copper 01042		Residue, Nonfilterable 00530		2,4,5-T 39740		

	GROUP J
	Residue, Settleable 50086
	Residue, Volatile 00505
	Silica 00955
	Specific Conductance 00095
	Sulfate 00945
	Sulfite 00740
	Surfactants -MBAS 38260
	Turbidity 00076
	Sulfides 00745

ON SITE ANALYSES

Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	6.0 units
Temperature 00010	11.0 °C
CONDUCTIVITY	1600 µ mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

LABORATORY ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 7 8

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 20

DATE COLLECTION BEGAN (YR MO DA): 8 5 0 5 0 7

TIME COLLECTION BEGAN (24 hour clock): 1110

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)	
ORIGINAL	USAF ORHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1 (0 1 S 7)	LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2	

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 1 8 4

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T	
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104	
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101	
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102	
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chlorobenzene 32106	
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloroethane 34418	
X	Oil & Grease 00560		Mercury 71900		Sulfide 00740		Dibromochloromethane 32105	
X	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423	
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475	
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506	
X	TOTAL ORGANIC HALOGENS		Silver 01077				Trichloroethylene 39180	
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080	
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516	
	Cyanide, Free 00722	X	SEE ATTACHMENTS		Chlordane 39350		X SEE ATTACHMENTS	
					DDT Isomers 39370			
	GROUP E		GROUP G		Dieldrin 39380			
X	Phenols 32730		Acidity, Total 70508		Endrin 39390			
			Alkalinity, Total 00410		Heptachlor 39410			
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420			
	Antimony 01097		Bromide 71870		Lindane 39782			
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480			
	Barium 01007		Chloride 00940		Toxaphene 39400			
	Beryllium 01012		Color 00080		2,4-D 39730			
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760			
	Cadmium 01027		Iodide 71865		2,4,5-T 39740			
	Calcium 00916		Odor 00086					
	Chromium, Total 01034		Residue, Total 00500					
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J			
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745			

ON SITE ANALYSES		
Parameter		Value
Flow 50050		mgd
Chlorine, Total 50060		mg/l
Dissolved Oxygen 00300		mg/l
pH 00400	5.8	units
Temperature 00010	8.0	°C
CONDUCTIVITY	38	μmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 B 0

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 22

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 5 0 2

TIME COLLECTION BEGAN (24 hour clock): 1150

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBSTON MC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT H-HPDES F-FOLLOWUP/CLEANUP G-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 1 8 6

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP B			GROUP C			GROUP T	
	Ammonia	00610		Hardness	00900		Residue, Settleable	00545		Bromform	32104
	Chemical Oxygen Demand	00340		Iron	01045		Residue, Volatile	00505		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625		Lead	01051		Silica	00955		Carbon Tetrachloride	32102
	Nitrate	00620		Magnesium	00927		Specific Conductance	00095		Chlorodibromomethane	32106
	Nitrite	00615		Manganese	01055		Sulfate	00945		Chloroform	32106
	Oil & Grease	00560		Mercury	71900		Sulfide	00745		Chloromethane	34418
	Organic Carbon	00680		Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
	Orthophosphate	00671		Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Phosphorus, Total	00665		Selenium	01147					Tetrachloroethylene	34475
	Total Organic Halogen			Silver	01077					1,1,1-Trichloroethane	34506
	GROUP D			Sodium	00929		GROUP E			Trichloroethylene	39180
	Cyanide, Total	00720		Thallium	01059		BHC Isomers	39340		Trihalomethanes	32008
	Cyanide, Free	00722		Zinc	01092		Chlordane	39350		PCBs	39516
				See Attachments			DDT Isomers	39370		See Attachments	
							Dieldrin	39380			
	GROUP E			GROUP G			Endrin	39390			
	Phenols	32730		Acidity, Total	70508		Heptachlor	39410			
				Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F			Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097		Bromide	71870		Methoxychlor	39480			
	Arsenic	01002		Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007		Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012		Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022		Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027		Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916		Odor	00086					Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034		Residue, Total	00500					pH 00400	6.6 units
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	9.0 °C
	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745		CONDUCTIVITY	185 µmho

COMMENTS

AF FORM JAN 91 2752

TABLE 3

CHEMICAL PARAMETERS FOR VOC ANALYSIS

Purgeable Halocarbons, EPA Method 601	Purgeable Aromatics, EPA Method 602
Bromodichloromethane	Benzene
Bromoform	Chlorobenzene
Bromomethane	1,2-Dichlorobenzene
Carbon tetrachloride	1,3-Dichlorobenzene
Chlorobenzene	1,4-Dichlorobenzene
Chloroethane	Ethylbenzene
2-Chloroethylvinyl ether	Toluene
Chloroform	
Chloromethane	
Dibromochloromethane	
1-2-Dichlorobenzene	
1,3-Dichlorobenzene	
1,4-Dichlorobenzene	
Dichlorodifluoromethane	
1,1-Dichloroethane	
1,2-Dichloroethane	
1,1-Dichloroethene	
trans-1,2-Dichloroethene	
1,2-Dichloropropane	
cis-1,3-Dichloropropene	
trans-1,3-Dichloropropene	
Methylene chloride	
1,1,2,2-Tetrachloroethane	
Tetrachloroethene	
1,1,1-Trichloroethane	
1,1,2-Trichloroethane	
Trichloroethene	
Trichlorofluoromethane	
Vinyl chloride	

Atch 3

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3 .

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 30 EP Toxicity and Ignitibility Analyses.

Table 2 (Continued)

[a]Aldrin
DDT isomer
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Diazinon
Malathion
Parathion
Toxaphene
2,4-D
2,4,5-T
2,4,5-TP (silvex)

[b]arsenic
barium
cadmium
chromium (total)
copper
iron
lead
nickel
mercury
selenium
silver
zinc

[c]see Table 3 .

[d]Includes a maximum 50% increase for second column confirmation.

[e]lead only

[f]Totals do not include a maximum of 50 EP Toxicity and Ignitibility Analyses.

TABLE 3

CHEMICAL PARAMETERS FOR VOC ANALYSIS

Purgeable Halocarbons, EPA Method 601	Purgeable Aromatics, EPA Method 602
Bromodichloromethane	Benzene
Bromoform	Chlorobenzene
Bromomethane	1,2-Dichlorobenzene
Carbon tetrachloride	1,3-Dichlorobenzene
Chlorobenzene	1,4-Dichlorobenzene
Chloroethane	Ethylbenzene
2-Chloroethylvinyl ether	Toluene
Chloroform	
Chloromethane	
Dibromochloromethane	
1-2-Dichlorobenzene	
1,3-Dichlorobenzene	
1,4-Dichlorobenzene	
Dichlorodifluoromethane	
1,1-Dichloroethane	
1,2-Dichloroethane	
1,1-Dichloroethene	
trans-1,2-Dichloroethene	
1,2-Dichloropropane	
cis-1,3-Dichloropropene	
trans-1,3-Dichloropropene	
Methylene chloride	
1,1,2,2-Tetrachloroethane	
Tetrachloroethene	
1,1,1-Trichloroethane	
1,1,2-Trichloroethane	
Trichloroethene	
Trichlorofluoromethane	
Vinyl chloride	

Atch 3

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157NA043

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 1 - SWZ

DATE COLLECTION BEGAN (YYMMDD): 840108

TIME COLLECTION BEGAN (24 hour clock): 0945

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if computer): ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): ROBERT A. RICARD (WESTON)

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: 50 A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN84022 3 OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104		
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101		
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418		
Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105		
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475		
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506		
TOTAL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080		
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516		
Cyanide, Free	00722	X SEE ATTACHMENT		DDT Isomers	39370	X VOC - SEE ATTACHMENT			
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
Phenols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
Antimony	01097	Bromide	71870	Methoxychlor	39480				
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400				
Barium	01007	Chloride	00940	2,4-D	39730				
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	ON SITE ANALYSES			
Boron	01022	Fluoride	00951	2,4,5-T	39740	Parameter		Value	
Cadmium	01027	Iodide	71865	X SEE ATTACHMENT		Flow	50050		mgd
Calcium	00916	Odor	00086			Chlorine, Total	50060		mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen	00300		mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		pH	00400	6.6	units
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Temperature	00010	6.0	°C
COMMENTS						SPEC COND		550	mhos @ 6.0°C

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19-1): 0157 NA 0043

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 1 - SW 3

DATE COLLECTION BEGAN (YYMMDD): 880108

TIME COLLECTION BEGAN (24 hour clock): 0940

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (Circle 1 if changed)
- ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
- COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): E. J. O'Neil (WESTON)

SIGNATURE: Edward T. O'Neil

AUTOVON:

REASON FOR SUBMISSION: S

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (explain): IRP PHASE II

BASE SAMPLE NUMBER: GN84 0224 OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
	O&G & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Fecal Coliform	00722	X SEE ATTACHMENT			DDT Isomers	39370	X	VOC - SEE ATTACHMENT
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		ON SITE ANALYSES
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Parameter / Value
	Cadmium	01027	Iodide	71865	X	SEE ATTACHMENT			Flow 50050 — mgd
	Calcium	00916	Odor	00086					Chlorine, Total 50060 — mg/l
	Chromium, Total	01034	Residue, Total	00500					Dissolved O2 00300 — mg/l
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			pH 00400 — 6.6 units
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		Temperature 00010 — 3.0 °C
									SEE COC — 285 mL @ 3.0°C

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 161): 0157 NA 043

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 1 - SW 4

DATE COLLECTION BEGAN (MMDDYY): 08 24 88

TIME COLLECTION BEGAN (24 hour clock): 0938

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0157 USAF MOSIP / SG PB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (WESTON)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 50 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 84 0225 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALIDE		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
X	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Pesticide Prog	00722	X SEE ATTACHMENT			DDT Isomers	39370	X	VOC - SEE ATTACHMENT
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 — mgd
	Cadmium	01027	Iodide	71865	X	SEE ATTACHMENT			Chlorine, Total 50060 — mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300 — mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400 — 6.95 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — 3.0 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		SEE COL — 270 mV

COMMENTS

@ 3.0°

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19-7): 0157 NA 0014

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 9 - SW 5

DATE COLLECTION BEGAN (YYMMDD): 841108

TIME COLLECTION BEGAN (24 hour clock): 1040

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0157 USAF MOSP/SGPB PEASE AFB NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GERALD T. O'NEIL (WESTON)

SIGNATURE: Gerald T. O'Neill

AUTOVON:

REASON FOR SUBMISSION: 0 A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN84 0226 OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfide	00740		Chloromethane 34418
	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Tribromomethane 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722	X SEE ATTACHMENT			DDT Isomers	39370	X	VOC SEE ATTACHMENT
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00960		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 mgd
	Cadmium	01027	Iodide	71865	X	SEE ATTACHMENT			Chlorine, Total 50060 mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300 mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400 7.05 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 5.0 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		SEE CON 330 mg/l
									@ 5.0

COMMENTS

F FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19-7): 0 1 5 7 N A 0 1 4

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 1 - SW-6

DATE COLLECTION BEGAN (MMDDYY): 8 4 1 1 0 8

TIME COLLECTION BEGAN (24 hour clock): 1040

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0 1 5 7 USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): ROBERT A. RICARD (WESTON)

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: 0
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G N 8 4 0 2 2 7

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
X TOG & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
X Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
X TOTAL INORGANIC HALIDES		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
X Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	X SEE ATTACHMENT		DDT Isomers	39370	X VOC - SEE ATTACHMENT	
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
X Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865	X SEE ATTACHMENT		Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	7.05 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	5.0 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC. CON	340 umhos @ 5.0 °C

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19-1): 0157 NA 044

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 1 - SW7

DATE COLLECTION BEGAN (MMDDYY): 8411089

TIME COLLECTION BEGAN (24 hour clock): 1020

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (Include ZIP Code):
ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (WESTON)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: E
A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (Specify): IRP PHASE II

BASE SAMPLE NUMBER: GN84028

DEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722	X SEE ATTACHMENT			DDT Isomers	39370	X	VOC - SEE ATTACHMENT
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 / mgd
	Cadmium	01027	Iodide	71865	X	SEE ATTACHMENT			Chlorine, Total 50060 / mg/l
	Calcium	00916	Odor	00086					Dissolved O2 00300 / mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400 / 6.95 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 / 40 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		SPEC CON 475 umhos
									6.7

COMMENTS

F FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 161): 0157NA 014

BASE WHERE SAMPLE COLLECTED: DEASE AFB, N-

SAMPLING SITE DESCRIPTION: ZONE 1 - SW 8

DATE COLLECTION BEGAN (YYMMDD): 841107

TIME COLLECTION BEGAN (24 hour clock): 1640

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS: ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0157 — USAF HOSP/SG PB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SAMPLE: 50

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN84022 9 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
		00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
		00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
		00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
		00620	Manganese	01055		Sulfate	00945		Chloroform 32106
		00615	Mercury	71900		Sulfide	00740		Chloromethane 34418
	& Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	ganic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	nophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	sphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	ide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	ide, Free	00722	X SEE ATTACHMENT			DDT Isomers	39370	X	VOC - SEE ATTACHMENT
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
		32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
		01097	Bromide	71870		Methoxychlor	39480		
		01002	Carbon Dioxide	00405		Toxaphene	39400		
		01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
		01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
		01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 — mgd
		01027	Iodide	71865	X	SEE ATTACHMENT			Chlorine, Total 50060 — mg/l
		00916	Odor	00086					Dissolved Oxygen 00300 — mg/l
		01034	Residue, Total	00500					pH 00400 — 7.5 units
		01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — 6.0 °C
		01042	Residue, Nonfilterable	00530		Sulfides	00745		SPEC. COND. — .55 mmhos/cm

NTS

2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 GN A 0 1 4

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 1 - SW19

DATE COLLECTION BEGAN (YYMMDD): 8 4 1 1 0 8

TIME COLLECTION BEGAN (24 hour clock): 0908

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (Circle if changed):
ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0 1 5 7 USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (WESTON)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: 0
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 84 0230

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfide	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
TOTAL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	X SEE ATTACHMENT		DDT Isomers	39370	X VOC - SEE ATTACHMENT	
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865	X SEE ATTACHMENT		Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved O2 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	7.65 units
Chromium VI	01037	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	2.0 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC COND	290 umhos @ 2.0°C.

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLE IDENTIFIER (MFA) 10157 MA 0415

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: SITE 9 SW-10

DATE COLLECTION BEGAN (MO/DD/YR): 11/9/87

TIME COLLECTION BEGAN (24 hour clock): 10:26

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

COPIES: ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 10157 — USAF HOSP/SGPB PEASE AFB NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): SGT RICARD

SIGNATURE:

AUTOVON:

REASON FOR MISSION: 0 — A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6WB402578 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
[illegible]	00610	Iron NO	01045	Residue, Volatile	00505	Bromoform	32104		
emical Oxygen Demand	00340	Lead NO	01051	Silica	00955	Bromodichloromethane	32101		
eldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
ate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
nia	00615	Mercury NO	71900	Sulfide	00740	Chloromethane	34418		
& Grease	00560	Nickel NO	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105		
Carbon NO	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
hosphosbate	00671	Selenium NO	01147			Tetrachloroethylene	34475		
phorus, Total	00665	Silver NO	01077			1,1,1-Trichloroethane	34506		
tal ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080		
ide, Total	00720	Zinc NO	01092	Chlordane	39350	PCBs	39516		
ide, Free	00722			DDT Isomers	39370				
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
ols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
oxy	01097	Bromide	71870	Methoxychlor	39480				
NO	01002	Carbon Dioxide	00405	Toxaphene	39400				
NO	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES			
ium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter		Value	
n	01022	Fluoride	00951	2,4,5-T	39740	Flow	50050		mgd
NO	01027	Iodide	71865			Chlorine, Total	50060		mg/l
ium	00916	Odor	00086			Dissolved O2	00300		mg/l
Total NO	01034	Residue, Total	00500			pH	00400	6.75	units
ium VI	01037	Residue, Filterable (TDS)	70300	GROUP J		Temperature	00010	90	°C
NO	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC COND		810	umhos

COMMENTS

DD FORM 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFRCE): 01 5 7 NA SOA5

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SITE 9 SW-11

DATE COLLECTION BEGAN (YYMMDD): 910107

TIME COLLECTION BEGAN (24 hour clock): 1014

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS TO: ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1 — 01 5 7 — USAF HOSP/SGPB PEASE AFB NH 03803

COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): ROBERT RICARD

SIGNATURE: Robert A Ricard

AUTOVON:

REASON FOR OMISSION: 50 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 84 02 59 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue Settleable 50086		GROUP T	
[illegible]	00610	[illegible] NO	01045	Residue, Volatile	00505	Bromoform	32104
[illegible] Chemical Oxygen Demand	00340	[illegible] NO	01051	Silica	00955	Bromodichloromethane	32101
[illegible] Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
[illegible]	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
[illegible]	00615	[illegible] NO	71900	Sulfide	00740	Chloromethane	34418
[illegible] & Grease	00560	[illegible] NO	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
[illegible] Carbon NO	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
[illegible]	00671	[illegible] NO	01147			Tetrachloroethylene	34475
[illegible] Phosphorus, Total	00665	[illegible] NO	01077			1,1,1-Trichloroethane	34506
TOX ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
[illegible] Total	00720	[illegible] NO	01092	Chlordane	39350	PCBs	39516
[illegible] Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
[illegible]	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
[illegible]	01097	Bromide	71870	Methoxychlor	39480		
[illegible]	01002	Carbon Dioxide	00405	Toxaphene	39400		
[illegible] NO	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
[illegible]	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
[illegible]	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
[illegible] NO	01027	Iodide	71865			Chlorine, Total 50060	mg/l
[illegible]	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
[illegible] Total NO	01034	Residue, Total	00500			pH 00400	6.2 units
[illegible] VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	7.0 °C
[illegible] NO	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC. COND	450 umhos

COMMENTS

FORM 2752 JAN 91

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING DOD IDENTIFIER (AFP 19-1): D157 NA 045

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: SITE 9 SW-12

DATE COLLECTION BEGAN (YYMMDD): 841107

TIME COLLECTION BEGAN (24 hour clock): 1006

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO: ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): ROBERT RICARD

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT; B-ROUTINE/PERIODIC; C-COMPLAINT; N-NPDES; F-FOLLOWUP/CLEANUP; O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 84 0260 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A					
Ammonia	00610	Hardness	00900	Residue, Settleable	50086
Biochemical Oxygen Demand	00340	Iron NO	01045	Residue, Volatile	00505
Kjeldahl Nitrogen	00625	Lead NO	01051	Silica	00955
Nitrate	00620	Magnesium	00927	Specific Conductance	00095
Nitrite	00615	Manganese	01055	Sulfate	00945
Oil & Grease	00560	Mercury NO	71900	Sulfide	00740
Organic Carbon	00680	Nickel NO	01067	Surfactants - MBAS	38260
Orthophosphate	00671	Potassium	00937	Turbidity	00076
Phosphorus, Total	00665	Selenium NO	01147		
Total Organic Halogen		Silver NO	01077		

GROUP B					
Cyanide, Total	00720	Sodium	00929	BHC Isomers	39340
Cyanide, Free	00722	Thallium	01059	Chlordane	39350
		Zinc NO	01092	DDT Isomers	39370
				Dieldrin	39380

GROUP C					
Acidity, Total	70508	Endrin	39390		
Alkalinity, Total	00410	Heptachlor	39410		
Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Bromide	71870	Lindane	39782		
Carbon Dioxide	00405	Methoxychlor	39480		
Chloride	00940	Toxaphene	39400		
Color	00080	2,4-D	39730		
Fluoride	00951	2,4,5-TP-Silvex	39760		
Iodide	71865	2,4,5-T	39740		
Odor	00086				
Residue, Total	00500				
Residue, Filterable (TDS)	70300				
Residue, Nonfilterable	00530				

GROUP D					
Acrolein	34210	Dichlorodifluoromethane	34668	Methylene Chloride	34423
Acrylonitrile	34215	Ethylbenzene	34371	Tetrachloroethylene	34475
Benzene	34030	Methyl Bromide	34413	1,1,1-Trichloroethane	34506
Bromoform	32104	Methyl Chloride	34418	Trichloroethylene	39180
Carbon Tetrachloride	32102	Methylene Chloride	34423	Trichlorofluoromethane	34488
Chlorobenzene	34301	Tetrachloroethylene	34475	Vinyl Chloride	39175
Chloroethane	34311	1,1,1-Trichloroethane	34506		
2-Chloroethylvinyl Ether	34576	Trichloroethylene	39180		
Chloroform	32106	Trichlorofluoromethane	34488		
Dibromochloromethane	32105	Vinyl Chloride	39175		
1,2-Dichlorobenzene	34536				
1,3-Dichlorobenzene	34566				
1,4-Dichlorobenzene	34571				
1,1-Dichloroethane	34496				
1,2-Dichloroethane	32103				
1,1-Dichloroethylene	34501				
1,2-Dichloropropane	34541				
1,3-Dichloropropylene	34561				

GROUP E					
Phenols	32730	Aluminum	01105	Manganese	01055
		Antimony	01097	Mercury	71900
GROUP F		Arsenic	01002	Nickel	01067
Benzidine	39120	Barium	01007	Selenium	01147
Beryllium	01012	Beryllium	01012	Silver	01077
Boron	01022	Cadmium	01027	Thallium	01059
Cobalt	00916	Chromium	01034	Tin	01102
Chromium VI	01032	Cobalt	01037	Titanium	01152
	01042	Copper	01042	Vanadium	01087
		Iron	01045	Zinc	01092

GROUP J			
Sulfides	00745		

ON SITE ANALYSES			
Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400	6.35	units
Temperature	00010	8.0	°C
SPEC COND		435	umhos

COMMENTS

FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OFFICE USE ONLY

SAMPLING SITE IDENTIFIER (AFAFID) 10 ENA 0116

BASE WHERE SAMPLE COLLECTED
PEASE AFB, NH

SAMPLING SITE DESCRIPTION
ZONE 2 - SITE 13

DATE COLLECTION BEGAN (YY MMDD) 8 4 1 1 0 7

TIME COLLECTION BEGAN (24 hour clock) 1145

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS TO: ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1 — 0 1 1 5 7 — USAF HOSP/SGPB PEASE AFB NH 03803
COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): ROIBEIZE RICARD

SIGNATURE

AUTOVON

REASON FOR MISSION: 5 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G N 8 4 0 2 3 1 — OEHL P/D

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	00610		Iron	01045		Residue, Volatile	00505		Bromoform 32104
	00340		Lead	01051		Silica	00955		Bromodichloromethane 32101
	00625		Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	00620		Manganese	01055		Sulfate	00945		Chloroform 32106
	00615		Mercury	71900		Sulfite	00740		Chloromethane 34418
	00560		Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	00680		Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	00671		Selenium	01147					Tetrachloroethylene 34475
	00665		Silver	01077					1,1,1-Trichloroethane 34506
			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Tribromomethane 82080
	00720		Zinc	01092		Chlordane	39350		PCBs 39516
	00722	X	SEE ATTACHMENT			DDT Isomers	39370	X	SEE ATTACHMENT
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	32730		Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	01097		Bromide	71870		Methoxychlor	39480		
	01002		Carbon Dioxide	00405		Toxaphene	39400		
	01007		Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	01012		Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	01022		Fluoride	00951		2,4,5-T	39740		Flow 50050 — mgd
	01027		Iodide	71865	X	SEE ATTACHMENT			Chlorine, Total 50060 — mg/l
	00916		Odor	00086					Dissolved O2 00300 — mg/l
	01034		Residue, Total	00500					pH 00400 — 6.65 units
	01032		Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — 9.5 °C
	01042		Residue, Nonfilterable	00530		Sulfides	00745		SPEC COND — 190 umhos

2/52

ENVIRONMENTAL SAMPLING DATA

SAMPLING SITE IDENTIFIER (AFRCE): 0157 NA 0116

BASE WHERE SAMPLE COLLECTED: DEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 2 - SW 14

DATE COLLECTION BEGAN: 3 27 MO/DA/YR 87

TIME COLLECTION BEGAN (24 hour clock): 1620

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS TO: ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 0157 USAF HOSP/SGPB PEASE AFB NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Group AFSC): GLENN R SMART

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR MISSION: 50

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 84 0232

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
		00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
		00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
		00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
		00620	Manganese	01055		Sulfate	00945		Chloroform 32106
		00615	Mercury	71900		Sulfide	00740		Chloromethane 34418
		00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
		00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
		00671	Selenium	01147					Tetrachloroethylene 34475
		00665	Silver	01077					1,1,1-Trichloroethane 34506
	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Tribalomethanes 82080
		00720	Zinc	01092		Chlordane	39350		PCBs 39516
		00722	X SEE ATTACHMENT			DDT Isomers	39370	X	VOC - SEE ATTACHMENT
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
		32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
		01097	Bromide	71870		Methoxychlor	39480		
		01002	Carbon Dioxide	00405		Toxaphene	39400		
		01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
		01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
		01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 mgd
		01027	Iodide	71865	X	SEE ATTACHMENT			Chlorine, Total 50060 mg/l
		00916	Odor	00086					Dissolved O2 00300 mg/l
		01034	Residue, Total	00500					pH 00400 6.8 units
		01037	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 10.0 °C
		01042	Residue, Nonfilterable	00530		Sulfides	00745		SPEC. COND. 140 µmhos

2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFRCE) 01 57 NA 01 7

BASE WHERE SAMPLE COLLECTED: DEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 2 - SW-15

DATE COLLECTION BEGAN (YYMMDD): 91 11 07

TIME COLLECTION BEGAN (24 hour clock): 1134

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS TO: ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1 01 15 7 — USAF HQSC / SGPB PEASE AFB, NH 03803
COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMOLA

SIGNATURE: Glenn R Smola

AUTOVON:

REASON FOR EMISSION: E

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G N 8 4 0 2 3 3 — OEHL P/O

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900	Residue, Settleable	50086		GROUP T	
	00610		Iron	01045	Residue, Volatile	00505		Bromoform	32104
	00340		Lead	01051	Silica	00955		Bromodichloromethane	32101
	00625		Magnesium	00927	Specific Conductance	00095		Carbon Tetrachloride	32102
	00620		Manganese	01055	Sulfate	00945		Chloroform	32106
	00615		Mercury	71900	Sulfite	00740		Chloromethane	34418
	00560		Nickel	01067	Surfactants - MBAS	38260		Dibromochloromethane	32105
	00680		Potassium	00937	Turbidity	00076		Methylene Chloride	34423
	00671		Selenium	01147				Tetrachloroethylene	34475
	00665		Silver	01077				1,1,1-Trichloroethane	34506
	TOTAL ORGANIC HALOGEN		Sodium	00929	GROUP H			Trichloroethylene	39180
	GROUP D		Thallium	01059	BHC Isomers	39340		Trihalomethanes	82080
	00720		Zinc	01092	Chlordane	39350		PCBs	39516
	00722	X	SEE ATTACHMENT		DDT Isomers	39370	X	VOC - SEE ATTACHMENT	
					Dieldrin	39380			
	GROUP E		GROUP G		Endrin	39390			
	32730		Acidity, Total	70508	Heptachlor	39410			
			Alkalinity, Total	00410	Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782			
	01097		Bromide	71870	Methoxychlor	39480			
	01002		Carbon Dioxide	00405	Toxaphene	39400			
	01007		Chloride	00940	2,4-D	39730		ON SITE ANALYSES	
	01012		Color	00080	2,4,5-TP-Silvex	39760		Parameter	Value
	01022		Fluoride	00951	2,4,5-T	39740		Flow 50050	mgd
	01027		Iodide	71865	X SEE ATTACHMENT			Chlorine, Total 50060	mg/l
	00916		Odor	00086				Dissolved Oxygen 00300	mg/l
	01034		Residue, Total	00500				pH 00400	6.55 units
	01032		Residue, Filterable (TDS)	70300	GROUP J			Temperature 00010	9.0 °C
	01042		Residue, Nonfilterable	00530	Sulfides	00745		SPEC COND	170 u-

COMMENTS

OEHL AM 81 2752

ENVIRONMENTAL SAMPLING DATA — OFFICE USE ONLY

SAMPLING SITE IDENTIFIER (AFR 161-7): D115 7 ENA — 01 18

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 2 - SW 16

DATE COLLECTION BEGAN (YR MO DA): 2 4 1 1 9 0 7

TIME COLLECTION BEGAN (24 hour time): 1114

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS TO: ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 0 1 1 5 7 — USAF HOSP/SGPB PEASE AFB, NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR MISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G N 8 4 0 2 3 4 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A						GROUP B						GROUP C					
	00610					Hardness	00900					Residue, Settleable	50086				
						Iron	01045					Residue, Volatile	00505				
Chemical Oxygen Demand	00340					Lead	01051					Silica	00955				
Kjeldahl Nitrogen	00625					Magnesium	00927					Specific Conductance	00095				
	00620					Manganese	01055					Sulfate	00945				
	00615					Mercury	71900					Sulfite	00740				
Oil & Grease	00560					Nickel	01067					Surfactants - MBAS	38260				
Organic Carbon	00680					Potassium	00937					Turbidity	00076				
Orthophosphate	00671					Selenium	01147										
Phosphorus, Total	00665					Silver	01077										
TOTAL ORGANIC HALOGEN						Sodium	00929					GROUP H					
GROUP D						Thallium	01059					BHC Isomers	39340				
Cyanide, Total	00720					Zinc	01092					Chlordane	39350				
Cyanide, Free	00722	X	SEE ATTACHMENT									DDT Isomers	39370	X	VOC - SEE ATTACHMENT		
												Dieldrin	39380				
GROUP E						GROUP G						Endrin	39390				
Phenols	32730					Acidity, Total	70508					Heptachlor	39410				
						Alkalinity, Total	00410					Heptachlor Epoxide	39420				
GROUP F						Alkalinity, Bicarbonate	00425					Lindane	39782				
Acetone	01097					Bromide	71870					Methoxychlor	39480				
Benzene	01002					Carbon Dioxide	00405					Toxaphene	39400				
Bromoform	01007					Chloride	00940					2,4-D	39730		ON SITE ANALYSES		
Cadmium	01012					Color	00080					2,4,5-TP-Silvex	39760		Parameter		Value
Carbon Tetrachloride	01022					Fluoride	00951					2,4,5-T	39740		Flow	50050	mgd
Chlorobenzene	01027					Iodide	71865	X	SEE ATTACHMENT						Chlorine, Total	50060	mg/l
Chloroform	00916					Odor	00086								Dissolved Oxygen	00300	mg/l
Chromium, Total	01034					Residue, Total	00500								pH	00400	6.70 units
Chromium VI	01032					Residue, Filterable (TDS)	70300		GROUP J						Temperature	00010	5.0 °C
Copper	01042					Residue, Nonfilterable	00530		Sulfides		00745				SPEC. COND		175 umhos/cm
METALS																	

2752

ENVIRONMENTAL SAMPLING DATA

COLLECTOR UNIT

IDENTIFIER (AFSCN) 01 5 7 NA CH 16

BASE WHERE SAMPLE COLLECTED: DEASE AFB, NH

SAMPLING SITE DESCRIPTION: SITE 12 SW 17

DATE COLLECTION BEGAN (YY MM DD): 24 11 07

TIME COLLECTION BEGAN (24 hour clock): 1405

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS TO: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

ORIGINAL

COPY 1: 01 5 7 USAF HOSP/SGPB PEASE AFB, NH 03803

COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): SUSAN R. SMART

SIGNATURE: Susan R Smart

AUTOVON

REASON FOR MISSION: 50

A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6 W 8 4 0 2 5 6

OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
[illegible]	00610	~~Iron~~ NO	01045	Residue, Volatile	00505	Bromoform	32104		
[illegible] Chemical Oxygen Demand	00340	~~Lead~~ NO	01051	Silica	00955	Bromodichloromethane	32101		
[illegible] eldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
[illegible] trate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
[illegible]	00615	~~Mercury~~ NO	71900	Sulfide	00740	Chloromethane	34418		
[illegible] & Grease	00560	~~Nickel~~ NO	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105		
[illegible] nic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
[illegible] hosphosphate	00671	~~Selenium~~ NO	01147			Tetrachloroethylene	34475		
[illegible] osphorus, Total	00665	~~Silver~~ NO	01077			1,1,1-Trichloroethane	34506		
Total ORGANIC Halogen		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP B		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080		
[illegible] nide, Total	00720	~~Zinc~~ NO	01092	Chlordane	39350	PCBs	39516		
[illegible] nide, Free	00722			DDT Isomers	39370				
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
[illegible] hols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
[illegible] Boron	01097	Bromide	71870	Methoxychlor	39480				
[illegible] ~~NI~~	01002	Carbon Dioxide	00405	Toxaphene	39400				
[illegible] ~~NO~~	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES			
[illegible] rillium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter		Value	
[illegible] on	01022	Fluoride	00951	2,4,5-T	39740	Flow	50050		mgd
[illegible] ~~NO~~	01027	Iodide	71865			Chlorine, Total	50060		mg/l
[illegible] nide	00916	Odor	00086			Dissolved Oxygen	00300		mg/l
[illegible] ~~Tot~~ NO	01034	Residue, Total	00500			pH	00400	6.90	units
[illegible] nium VI	01037	Residue, Filterable (TDS)	70300	GROUP J		Temperature	00010	10	°C
[illegible] ~~NO~~	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC COND		50	umhos
COMMENTS									

FORM AN B1 2752

ENVIRONMENTAL SAMPLING DATA

CE USE ONLY

SAMPLE SOURCE IDENTIFIER (MP#) 01 5 7 4A 0147

BASE WHERE SAMPLE COLLECTED: DEASE AFB NH

SAMPLING SITE DESCRIPTION: SITE 12 SW 18

DATE COLLECTION BEGAN (MO DAY YR): 2 4 1 1 2 7

TIME COLLECTION BEGAN (24 hour clock): 1345

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 0 1 S 7 USAF MOSP/SGPB PEASE AFB, NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Group/AFSC): GLENN R SIMARD

SIGNATURE: Glenn R Simard

AUTOVON:

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 8 4 0 2 5 7 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP C		GROUP D	
	00610	Hardness	00900	Residue, Settleable	50086		
	00340	~~Lead~~ NO	01045	Residue, Volatile	00505		
	00625	~~Mercury~~ NO	01051	Silica	00955		
	00620	Magnesium	00927	Specific Conductance	00095		
	00615	Manganese	01055	Sulfate	00945		
	00560	~~Nickel~~ NO	71900	Sulfide	00740		
	00680	Potassium	01067	Surfactants - MBAS	38260		
	00671	~~Selenium~~ NO	00937	Turbidity	00076		
	00665	~~Silver~~ NO	01147				
		Sodium	01077				
GROUP D		Thallium	00929	GROUP H			
	00720	~~Zinc~~ NO	01059	BHC Isomers	39340		
	00722		01092	Chlordane	39350		
				DDT Isomers	39370		
				Dieldrin	39380		

GROUP E		GROUP F		GROUP G		GROUP H (cont.)		GROUP J		GROUP T	
	32730			Acidity, Total	70508	Endrin	39390				
				Alkalinity, Total	00410	Heptachlor	39410				
				Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420				
				Bromide	71870	Lindane	39782				
				Carbon Dioxide	00405	Methoxychlor	39480				
				Chloride	00940	Toxaphene	39400				
				Color	00080	2,4-D	39730				
				Fluoride	00951	2,4,5-TP-Silvex	39760				
				Iodide	71865	2,4,5-T	39740				
				Odor	00086						
				Residue, Total	00500						
				Residue, Filterable (TDS)	70300						
				Residue, Nonfilterable	00530			Sulfides	00745		

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chloride, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.25 units
Temperature	00010	50 °C
SPEC COND		100 umhos

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19-7): 0157 NA 011

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 - SW19

DATE COLLECTION BEGAN (MMDDYY): 18 4 11 10 8

TIME COLLECTION BEGAN (24 hour clock): 1400

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)

ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (WESTON)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN84023S

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
Ammonia	00610	X Iron	01045	Residue, Volatile	00505	Bromoform	32104		
Chemical Oxygen Demand	00340	X Lead	01051	Silica	00955	Bromodichloromethane	32101		
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
Nitrite	00615	X Mercury	71900	Sulfite	00740	Chloromethane	34418		
Oil & Grease	00560	X Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105		
X Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
Orthophosphate	00671	X Selenium	01147			Tetrachloroethylene	34475		
Phosphorus, Total	00665	X Silver	01077			1,1,1-Trichloroethane	34506		
X TOTAL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP D		Thallium	01059	BHC Isomers	39340	Tribromomethane	82080		
Cyanide, Total	00720	X Zinc	01092	Chlordane	39350	PCBs	39516		
Cyanide, Free	00722			DDT Isomers	39370				
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
Phenols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
Antimony	01097	Bromide	71870	Methoxychlor	39480				
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400				
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES			
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter		Value	
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow	50050		mgd
Cadmium	01027	Iodide	71865			Chlorine, Total	50060		mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen	00300		mg/l
Chromium, Total	01034	Residue, Total	00500			pH	00400	6.75	units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature	00010	9.5	°C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC CON		300	umhos @ 9.5 °C

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19-7): 0157 NA 01

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 - SW20

DATE COLLECTION BEGAN (MM DD YY): 24 11 08

TIME COLLECTION BEGAN (24 hour clock): 1346

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE ____ HOURS

REPORTS TO: ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0157 — USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (WESTON)

SIGNATURE: Glenn R. Smart

AUTOVON

REASON FOR MISSION: 0 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: SN 84 0236 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
mical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
eidahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
trate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
nia	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
& Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
anic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
thophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
osphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
OTHL ORGANIC HALIDE		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
	00720	Zinc	01092	Chlordane	39350	PCBs	39516
ide, Free	00721	X SEE ATTACHMENT		DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
mony	01097	Bromide	71870	Methoxychlor	39480		
mic	01002	Carbon Dioxide	00405	Toxaphene	39400		
ium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
llium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
m	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
ium	01027	Iodide	71855			Chlorine, Total 50060	mg/l
ium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
ium, Total	01034	Residue, Total	00500			pH 00400	7.15 units
ium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	10 °C
er	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC COND	300 umhos

COMMENTS

FORM 2752

ENVIRONMENTAL SAMPLING DATA

CHAIN OF CUSTODY

SAMPLING SITE IDENTIFIER (AFRCE): 0157 NA 0046

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 - SWZI

DATE COLLECTION BEGAN (MMDDYY): 040989

TIME COLLECTION BEGAN (24 hour clock): 1150

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (Include ZIP code)
ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): JOHN A. GILBERT (WESTON)

SIGNATURE: John A. Gilbert

AUTOVON:

REASON FOR SUBMISSION: 50
A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (explain) IRP PHASE II

BASE SAMPLE NUMBER: GN94O237 GRAL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue Settleable 50086		GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfide	00740	Chloromethane	34418
X Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
X Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
X MOTHL CHLNK HRDNSS		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	X SEE ATTACHMENT		DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	6.70 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	13.0 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC COND	290 mmhos @13.0°C

COMMENTS

DD FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OFFICE USE ONLY

SAMPLING SITE IDENTIFIER (AFP IRP): 0 1 5 7 NA 0 4 0

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 – SW 22

DATE COLLECTION BEGAN (MM DD): 0 9

TIME COLLECTION BEGAN (24 hour clock): 1120

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (Include if different from sampler): ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 0 1 5 7 USAF HOSP/SGPB PEASE AFB, NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Grade/AFSC): JOHN A. GILBERT (WESTON)

SIGNATURE: John A. Gilbert

AUTOVON:

REASON FOR SUBMISSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G N 8 4 0 2 3 8 OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Biochemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
X Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
X TOTAL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Tribromomethane	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	X SEE ATTACHMENT		DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	6.75 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	13.0 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC CON.	1550 µmhos
							@ 13.0

COMMENTS

AF FORM 2752 JAN 81

FACILITY IDENTIFIER (AFPIMS): 0157 MA 0178

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 SW-23

DATE COLLECTION BEGAN (YYMMDD): 841009

TIME COLLECTION BEGAN (24 hour clock): 1100

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): ROBERT A. RICARD (WESTON)

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: 50 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: BW 84 0239

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900	Residue, Settleable	50085		GROUP T	
	Ammonia	00610	Iron	01045	Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	Lead	01051	Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620	Manganese	01055	Sulfate	00945		Chloroform	32106
	Nitrite	00615	Mercury	71900	Sulfite	00740		Chloromethane	34418
	Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260		Dibromochloromethane	32105
	Organic Carbon	00680	Potassium	00937	Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671	Selenium	01147				Tetrachloroethylene	34475
	Phosphorus, Total	00665	Silver	01077				1,1,1-Trichloroethane	34506
	Total Organic Halogen		Sodium	00929		GROUP H		Trichloroethylene	39180
	GROUP B		Thallium	01059	BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720	Zinc	01092	Chlordane	39350		PCBs	39516
	Cyanide, Free	00722	X Metals - See Attachment		DDT Isomers	39370			
					Dieldrin	39380			
	GROUP E		GROUP G		Endrin	39390			
	Phenols	32730	Acidity, Total	70508	Heptachlor	39410			
			Alkalinity, Total	00410	Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782			
	Antimony	01097	Bromide	71870	Methoxychlor	39480			
	Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400			
	Barium	01007	Chloride	00940	2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022	Fluoride	00951	2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027	Iodide	71865				Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	6.70 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	13.0 °C
	Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745		SPEC COND	235 umhos @ 13.0 °C

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

AFCEE USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19-1): 0 1 5 7 MA 0 1 2

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 5 SW 24

DATE COLLECTION BEGAN (MMDDYY): 8 4 1 0 9

TIME COLLECTION BEGAN (24 hour clock): 1150

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (Circle if changed)

ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 0 1 1 5 7 USAF HOSP/SGPB PEASE AFB, NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Org, AFSC): ROBERT A. RICARD (WESTON)

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: 50 (A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II)

BASE SAMPLE NUMBER: 6 W 8 4 0 2 6 1 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

| | GROUP A | | |

ENVIRONMENTAL SAMPLING DATA

CIRCLE ONE ONLY

SAMPLING SITE IDENTIFIER (AFAJ/JOT): 01 5 7 NH 04 8

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 5 SW 25

DATE COLLECTION BEGAN (MMDDYY): 18 4 11 09

TIME COLLECTION BEGAN (24 hour clock): 1010

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE ____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 01 5 7 USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): ROBERT A. RICARD (WESTON)

SIGNATURE:

AUTOVON:

REASON FOR SUBMISSION: 30
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6W 8 4 0 2 6 2

DEAL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A			
Ammonia	00610		
Chemical Oxygen Demand	00340		
Kjeldahl Nitrogen	00625		
Nitrate	00620		
Nitrite	00615		
Oil & Grease	00560		
Organic Carbon	00680		
Orthophosphate	00671		
Phosphorus, Total	00665		
TOTAL ORGANIC HALOGEN			

GROUP D			
Cyanide, Total	00720		
Cyanide, Free	00722		

GROUP E			
Phenols	32730		

GROUP F			
Antimony	01097		
Arsenic	01002		
Barium	01007		
Beryllium	01012		
Boron	01022		
Cadmium	01027		
Calcium	00916		
Chromium, Total	01034		
Chromium VI	01032		
Copper	01042		

Hardness	00900		
Iron	01045		
Lead	01051		
Magnesium	00927		
Manganese	01055		
Mercury	71900		
Nickel	01067		
Potassium	00937		
Selenium	01147		
Silver	01077		
Sodium	00929		
Thallium	01059		
Zinc	01092		

GROUP G			
Acidity, Total	70508		
Alkalinity, Total	00410		
Alkalinity, Bicarbonate	00425		
Bromide	71870		
Carbon Dioxide	00405		
Chloride	00940		
Color	00080		
Fluoride	00951		
Iodide	71865		
Odor	00086		
Residue, Total	00500		
Residue, Filterable (TDS)	70300		
Residue, Nonfilterable	00530		

Residue, Settleable	50086		
Residue, Volatile	00505		
Silica	00955		
Specific Conductance	00095		
Sulfate	00945		
Sulfite	00740		
Surfactants - MBAS	38260		
Turbidity	00076		

GROUP H			
BHC Isomers	39340		
Chlordane	39350		
DDT Isomers	39370		
Dieldrin	39380		
Endrin	39390		
Heptachlor	39410		
Heptachlor Epoxide	39420		
Lindane	39782		
Methoxychlor	39480		
Toxaphene	39400		
2,4-D	39730		
2,4,5-TP-Silvex	39760		
2,4,5-T	39740		

GROUP J			
Sulfides	00745		

GROUP T			
Bromoform	32104		
Bromodichloromethane	32101		
Carbon Tetrachloride	32102		
Chloroform	32106		
Chloromethane	34418		
Dibromochloromethane	32105		
Methylene Chloride	34423		
Tetrachloroethylene	34475		
1,1,1-Trichloroethane	34506		
Trichloroethylene	39180		
Trihalomethanes	82080		
PCBs	39516		

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400	6.35	S.U.
Temperature	00010	2.0	°C
SPEC COND		720	umhos @ 25°C

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

CENTRAL FILE ONLY

AGENCY/ACTIVITY IDENTIFIER (AFAJ, DLA, ...): 0 1 5 7 NH 0 7 8

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 5 SW 26

DATE COLLECTION BEGAN (MMDDYY): 8 4 1 1 0 9

TIME COLLECTION BEGAN (24 hour clock): 1005

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed): ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1 0 1 5 7 — USAF HQSI²/SGPB PEASE AFB NH 03803
COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): JOHN A. GILBERT (WESTON)

SIGNATURE: John A. Gilbert

AUTOVON:

REASON FOR SUBMISSION: 50 (A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (explain) IRP PHASE II)

BASE SAMPLE NUMBER: G N 8 4 0 2 6 3

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue Settleable	50086		GROUP T
	Arsenic	00610	X Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	X Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625		Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620		Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	X	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	X	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
X	Organic Carbon	00680		Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	X	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	X	Silver	01077					1,1,1-Trichloroethane 34506
X	Tot. / ORGANIC Halogen (TOX)			Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D			Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	X	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722					DDT Isomers	39370		
							Dieldrin	39380		
	GROUP E			GROUP G			Endrin	39390		
X	Phenols	32730		Acidity, Total	70508		Heptachlor	39410		
				Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F			Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097		Bromide	71870		Methoxychlor	39480		
X	Arsenic	01002		Carbon Dioxide	00405		Toxaphene	39400		
X	Barium	01007		Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012		Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022		Fluoride	00951		2,4,5-T	39740	Flow 50050	mgd
	Cadmium	01027		Iodide	71865				Chlorine, Total 50060	mg/l
	Calcium	00916		Odor	00086				Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034		Residue, Total	00500				pH 00400	6.4 Units
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	5.5 °C
	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745	SPEC COND	780 umhos
										@ 5.5 °C

COMMENTS

DD FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

CENTER USE ONLY

SAMPLING SITE IDENTIFIER (AFAJBS): 0157 SW 01

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 5 SW 27

DATE COLLECTION BEGAN (YYMMDD): 841009

TIME COLLECTION BEGAN (24 hour clock): 1000

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (Specify if unique): ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1 — 0157 — USAF HOSP/SGPB PEASE AFB, NH 03803
COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (WESTON)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6WE40264 — GEML PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			Hardness	00900		Residue Settleable	50086		GROUP T	
	Ammonia	00610	X	Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	X	Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625		Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620		Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615	X	Mercury	71900		Sulfite	00740		Chloromethane	34418
X	Oil & Grease	00560	X	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane	32105
X	Organic Carbon	00680		Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671	X	Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665	X	Silver	01077					1,1,1-Trichloroethane	34506
X	Total ORGANIC HALIDE			Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D			Thallium	01059		BHC Isomers	39340		Tribromomethane	82080
	Cyanide, Total	00720	X	Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722					DDT Isomers	39370			
							Dieldrin	39380			
	GROUP E			GROUP G			Endrin	39390			
X	Phenols	32730		Acidity, Total	70508		Heptachlor	39410			
				Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F			Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097		Bromide	71870		Methoxychlor	39480			
X	Arsenic	01002		Carbon Dioxide	00405		Toxaphene	39400			
X	Barium	01007		Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012		Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022		Fluoride	00951		2,4,5-T	39740		Flow 50050	gpd
X	Cadmium	01027		Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916		Odor	00086					Dissolved O2 00300	mg/l
X	Chromium, Total	01034		Residue, Total	00500					pH 00400	6.45 units
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	6.0 °C
X	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745		SPEC COND	530 umhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

CTNC USE ONLY

SAMPLING SITE IDENTIFIER (AFPAM): 01573 MA 012

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 5 SW 28

DATE COLLECTION BEGAN (YYMMDD): 841109

TIME COLLECTION BEGAN (24 hour clock): 1047

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 01573 USAF HOSP/SG PB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade/AFSC): GLENN R. SMART (WESTON)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 50 (A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (explain) IRP PHASE II)

BASE SAMPLE NUMBER: GM84102655 OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue Settleable 50086		GROUP T	
Ammonia	00610	✓ Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	✓ Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	✓ Mercury	71900	Sulfite	00740	Chlorobenzene	34418
✓ Oil & Grease	00560	✓ Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
✓ Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	✓ Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	✓ Silver	01077			1,1,1-Trichloroethane	34506
✓ TOX / ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Tribromomethane	82080
Cyanide, Total	00720	✓ Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722			DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
✓ Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
✓ Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chloride, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
✓ Chromium, Total	01034	Residue, Total	00500			pH 00400	6.30 units
Cobalt	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	4.0 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC COND.	595 umhos @ 4.0

COMMENTS

AF FORM 2752

ENVIRONMENTAL SAMPLING DATA

CONTROL NUMBER: 0157 NA 01

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: FIRE 5 SW 29

DATE COLLECTION BEGAN (YYMMDD): 841109

TIME COLLECTION BEGAN (24 hour clock): 0912

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (Circle 11 charges): ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235; COPY 1 (0157) — USAF HOSP/SGPB PEASE AFB NH 03803; COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (WESTON)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT; B-ROUTINE/PERIODIC; C-COMPLAINT; N-NPDES; F-FOLLOWUP/CLEANUP; O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW54026 6 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue Settleable	50086		GROUP T
	Ammonia	00610	X Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	X Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	X Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	X Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	X Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	X Silver	01077					1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALIDE		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	X Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
X	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	mgd
	Cadmium	01027	Iodide	71865				Chloride, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved O2 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	6.10 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	4.5 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	SPEC COND.	100 umhos @ 4.5°

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19-7): 0 1 5 7 MA 0 4 9

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 SW-30

DATE COLLECTION BEGAN (YR MO DY): 8 4 1 1 0 8

TIME COLLECTION BEGAN (24 hour clock): 1540

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (cycle II only): ORIGINAL; COPY 1: 0 1 5 7; COPY 2

Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

USAF HOSP/SGPB PEASE AFB, NH 03803

SAMPLE COLLECTED BY (Name, Grade, AFSC): GERALD O'NEIL

SIGNATURE: Gerald O'Neil

AUTOVON:

REASON FOR SUBMISSION: E O — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G M 8 4 0 2 4 0

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
TOTAL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	X metals - see Attachment		DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved O2 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	7.4 units
Chromium VI	01032	Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010	7.0 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC COND	420 µmhos

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157VA 013

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 SW-31

DATE COLLECTION BEGAN (YYMMDD): 840110

TIME COLLECTION BEGAN (24 hour clock): 1601

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO: ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR OMISSION: 50 A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6N84024A1

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T	
[illegible] 00610		Iron 01045		Residue, Volatile 00505		Bromoform	32104
Chemical Oxygen Demand 00340		Lead 01051		Silica 00955		Bromodichloromethane	32101
Kjeldahl Nitrogen 00625		Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride	32102
[illegible] 00620		Manganese 01055		Sulfate 00945		Chloroform	32106
[illegible] 00615		Mercury 71900		Sulfite 00740		Chloromethane	34418
Oil & Grease 00560		Nickel 01067		Surfactants - MBAS 38260		Dibromochloromethane	32105
Organic Carbon 00680		Potassium 00937		Turbidity 00076		Methylene Chloride	34423
Orthophosphate 00671		Selenium 01147				Tetrachloroethylene	34475
Phenolics, Total 00665		Silver 01077				1,1,1-Trichloroethane	34506
Total Chromic Halides		Sodium 00929		GROUP H		Trichloroethylene	39180
GROUP B		Thallium 01059		BHC Isomers 39340		Trihalomethanes	82080
Cyanide, Total 00720		Zinc 01092		Chlordane 39350		PCBs	39516
Cyanide, Free 00722	X	Metals - See Attachment		DDT Isomers 39370			
				Dieldrin 39380			
GROUP E		GROUP G		Endrin 39390			
Phenols 32730		Acidity, Total 70508		Heptachlor 39410			
		Alkalinity, Total 00410		Heptachlor Epoxide 39420			
GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782			
Ammonia 01097		Bromide 71870		Methoxychlor 39480			
Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400			
Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES	
Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter	Value
Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050	mgd
Cadmium 01027		Iodide 71865				Chlorine, Total 50060	mg/l
Calcium 00916		Odor 00086				Dissolved Oxygen 00300	mg/l
Chromium, Total 01034		Residue, Total 00500				pH 00400	7.0 units
Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010	8 °C
Cobalt 01042		Residue, Nonfilterable 00530		Sulfides 00745		See COC	390 mg/l

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFP JP-7): 0157S0 01

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE - 4 SD-1

DATE COLLECTION BEGAN (YYMMDD): 840108

TIME COLLECTION BEGAN (24 hour clock): 1400

COLLECTION METHOD: [x] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (Circle 11 charges): ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0157 USAF HOSP/SG PB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (WESTON)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6584020242

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	Total ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722	X Metals - see Attachment			DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 — mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060 — mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300 — mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400 — N/A units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — N/A °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		SPEC COND — N/A µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157S6 01 1

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 SD-2

DATE COLLECTION BEGAN (YYMMDD): 840108

TIME COLLECTION BEGAN (24 hour clock): 1346

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 11 characters): ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0157 USAF HOSP/SG PB PEASE AFB, NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (WESTON)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: SO (A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II)

BASE SAMPLE NUMBER: 6S84024 3

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
	Total Organic Halogen		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722	X Metals - see Attachment			DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	mgd
	Cadmium	01027	Iodide	71865				Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	N/A units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	N/A °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	SPEC COND	N/A µmhos

COMMENTS

DD FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

CONTROL NO.

SAMPLING SITE IDENTIFIER (AFAPL) 0 1 5 7 5 0 0 4 8

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 SD-3

DATE COLLECTION BEGAN (YR MO DY): 8 4 1 1 0 9

TIME COLLECTION BEGAN (24 hour clock): 1130

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1 or both): ORIGINAL; COPY 1: 0 1 5 7; COPY 2:

Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

USAF MOSP/SGPB PEASE AFB, NH 03803

SAMPLE COLLECTED BY (Name, Comm or AFSC): GLENN R. SMART (WESTON)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 3 0 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6 5 8 4 0 2 4 4 — CHEM PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Tribromomethane 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722	X Metals - See Attachment			DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	
	Cadmium	01027	Iodide	71865				Chlorine, Total 50060	
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	
	Chromium, Total	01034	Residue, Total	00500				pH 00400	N/A units
	Chromium VI	01037	Residue Filterable (TDS)	70300		GROUP J		Temperature 00010	N/A °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	SPEC COND	N/A umhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

FOR USE ONLY

SAMPLING SITE IDENTIFIER (AFRCE): 0157SD04

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 SD-4

DATE COLLECTION BEGAN (MM DD YY): 08 04 89

TIME COLLECTION BEGAN (24 hour clock): 1138

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (cycle II charge code):
- ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
- COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803
- COPY 2:

SAMPLE COLLECTED BY (Name, Comp AFSC): GLEN R. SMART (WESTON)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6S894 0245 — DRMO PIO:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue Settleable 50086		GROUP T	
Ammonia	00610	Iron	01045	Residue Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
X Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
X Total ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	X Metals - See Attachment		DDT Isomers	39370		
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	N/A units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	N/A °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	GPC CAU	N/A

COMMENTS

DD FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

CONTRACT ONLY

SAMPLING SITE IDENTIFIER (AFRCE ONLY): 0157 SO 30 ASE

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 SO-5

DATE COLLECTION BEGAN (YR MO DY): 8 7 1 0 9

TIME COLLECTION BEGAN (24 hour clock): 1155

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (Include ZIP Code)
ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1: 0157 USAF HQSP/SGPB PEASE AFB NH 03803
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (WESTON)

SIGNATURE: Glenn R. [illegible]

AUTOVON:

REASON FOR SUBMISSION: SO
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6S84 0246

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfide	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	Total Organic Halogen		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Tribromomethane 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722	X Metals - See Attachment			DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	mgd
	Cadmium	01027	Iodide	71865				Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	N/A units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	N/A °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	Spec Cond	N/A mho

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

DEML USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 S 6 0 4 9

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 SD-6

DATE COLLECTION BEGAN (YYMMDD): 8 4 1 1 0 8

TIME COLLECTION BEGAN (24 hour clock): 1540

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS TO (Name, Org, Address, Phone): Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

ORIGINAL

COPY 1: 0 1 S 7 USAF HOSP/SG PB PEASE AFB, NH 03803

COPY 2

SAMPLE COLLECTED BY (Name, Org, AFSC): GLENN R SMART

SIGNATURE: Glenn R Smart

AUTOVON

REASON FOR EMISSION: 0 — A-ACCIDENT/INCIDENT, B-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6 S 8 4 0 2 4 7 — DEML PID

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900	Residue, Settleable	50086		GROUP T	
	monia	00610	Iron	01045	Residue, Volatile	00505		Bromoform	32104
	emical Oxygen Demand	00340	Lead	01051	Silica	00955		Bromodichloromethane	32101
	eldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095		Carbon Tetrachloride	32102
	trate	00620	Manganese	01055	Sulfate	00945		Chloroform	32106
	mic	00615	Mercury	71900	Sulfite	00740		Chloromethane	34418
	l & Grease	00560	Nickel	01067	Surfactants -MBAS	38260		Dibromochloromethane	32105
		00680	Potassium	00937	Turbidity	00076		Methylene Chloride	34423
	thophosphate	00671	Selenium	01147				Tetrachloroethylene	34475
	phosphorus, Total	00665	Silver	01077				1,1,1-Trichloroethane	34506
	TAL ORGANIC HALOGEN		Sodium	00929		GROUP H		Trichloroethylene	39180
	GROUP D		Thallium	01059	BHC Isomers	39340		Trihalomethanes	82080
	anide, Total	00720	Zinc	01092	Chlordane	39350		PCBs	39516
	anide, Free	00722	X Metals - see Attachment		DDT Isomers	39370			
					Dieldrin	39380			
	GROUP E		GROUP G		Endrin	39390			
	eenols	32730	Acidity, Total	70508	Heptachlor	39410			
			Alkalinity, Total	00410	Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782			
	timony	01097	Bromide	71870	Methoxychlor	39480			
	senic	01002	Carbon Dioxide	00405	Toxaphene	39400			
	nium	01007	Chloride	00940	2,4-D	39730		ON SITE ANALYSES	
	eryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter		Value
	mium	01022	Fluoride	00951	2,4,5-T	39740	Flow	50050	mgd
	alt	01027	Iodide	71865			Chlorine, Total	50060	mg/l
	lcium	00916	Odor	00086			Dissolved Oxygen	00300	mg/l
	romium, Total	01034	Residue, Total	00500			pH	00400	units
	romium VI	01032	Residue, Filterable (TDS)	70300		GROUP J	Temperature	00010	°C
	per	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC. COND.		Mhos/cm
	MENTS								

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19-1): 0 1 5 7 S 0 — 0 1 3

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 SD-7

DATE COLLECTION BEGAN (MO DD YY): 3 4 1 1 8 E

TIME COLLECTION BEGAN (24 hour clock): 1601

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS TO: ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 0 1 S 7 USAF HOSP/SGPB PEASE AFB, NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GERALD O'NEIL

SIGNATURE: Gerald O'Neil

AUTOVON:

REASON FOR EMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6 S 8 4 0 2 4 8 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	...onia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	...hemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	...jeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	...trate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	...trite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	...rganic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	...rthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	...hosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
	TOX / ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	...yanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	...yanide, Free	00722	X Metals - see Attachment			DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	...enols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	...timony	01097	Bromide	71870		Methoxychlor	39480		
	...rsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	...rium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	...eryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	...oron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 — mgd
	...dmium	01027	Iodide	71865					Chlorine, Total 50060 — mg/l
	...alcium	00916	Odor	00086					Dissolved Oxygen 00300 — mg/l
	...hromium, Total	01034	Residue, Total	00500					pH 00400 — units
	...hromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — °C
	...opper	01042	Residue, Nonfilterable	00530		Sulfides	00745		SPEC. COND. — umhos

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA — OEHL USE ONLY

SAMPLING SITE IDENTIFIER (MAJCOM): 01 57 AG 005

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 SMITH PW-1

COLLECTION BEGAN (MM/DD): 4 10 7

TIME COLLECTION BEGAN (24 hour clock): 1130

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 01157 USAF HOSP/SGPB PEASE AFB, NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): JOHN A. GILBERT (WESTON)

SIGNATURE: John A. Gilbert

AUTOVON:

REASON FOR TRANSMISSION: 5 0

A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC C-COMPLAINT N-NODES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6P 84 0249

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T	
00610		Iron 01045		Residue, Volatile 00505		Bromoform 32104	
Chemical Oxygen Demand 00340		Lead 01051		Silica 00955		Bromodichloromethane 32101	
Kjeldahl Nitrogen 00625		Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102	
Nitrate 00620		Manganese 01055		Sulfate 00945		Chloroform 32106	
00615		Mercury 71900		Sulfide 00740		Chloromethane 34418	
Grease 00560		Nickel 01067		Surfactants - MBAS 38260		Dibromochloromethane 32105	
Organic Carbon 00680		Potassium 00937		Turbidity 00076		Methylene Chloride 34423	
Orthophosphate 00671		Selenium 01147				Tetrachloroethylene 34475	
Phosphorus, Total 00665		Silver 01077				1,1,1-Trichloroethane 34506	
Total ORGANIC HALIDES		Sodium 00929		GROUP H		Trichloroethylene 39180	
GROUP D		Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080	
Cyanide, Total 00720		Zinc 01092		Chlordane 39350		PCBs 39516	
Cyanide, Free 00722	X	metals - see Attachment		DDT Isomers 39370	X	VOC - see Attachment	
				Dieldrin 39380			
GROUP E		GROUP G		Endrin 39390			
Cresols 32730		Acidity, Total 70508		Heptachlor 39410			
		Alkalinity, Total 00410		Heptachlor Epoxide 39420			
GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782			
Ammonia 01097		Bromide 71870		Methoxychlor 39480			
Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400			
Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES	
Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter	Value
Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050	mgd
Cadmium 01027		Iodide 71865				Chlorine, Total 50060	mg/l
Calcium 00916		Odor 00086				Dissolved Oxygen 00300	mg/l
Chromium, Total 01034		Residue, Total 00500				pH 00400	7.65 units
Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010	9.0 °C
Cobalt 01042		Residue, Nonfilterable 00530		Sulfides 00745		SPEC CON.	160 umhos/cm
COMMENTS							

FORM AF 81 2752

ENVIRONMENTAL SAMPLING DATA

CONCUR ONLY

SAMPLING SITE IDENTIFIER (ATR/IRP) 0 1 5 7 A 6 C 0 6

BASE WHERE SAMPLE COLLECTED
PEASE AFB, NH

SAMPLING SITE DESCRIPTION
FENIX HARRISON PW-2

DATE COLLECTION BEGAN (YY MM DD) 8 4 1 0 1 7

TIME COLLECTION BEGAN (24 hour clock) 1145

COLLECTION METHOD ☑ GRAB ☐ COMPOSITE _____ HOURS

ORIGINAL	4	Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
COPY 1	0 1 5 7	USAF MOSP/SGPB PEASE AFB NH 03803
COPY 2		

SAMPLE COLLECTED BY (Name, Group, AFSC) JOHN A. GILBERT (WESTON)

SIGNATURE John A. Gilbert

AUTOVON

REASON FOR MISSION 5 0 A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER G P 8 4 0 2 5 0 OEHL P/D

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	[illegible]	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	[illegible]	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	[illegible]	00615	Mercury	71900		Sulfide	00740		Chloromethane 34418
	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
	Total ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Tribromomethane 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722	X Metals - See Attachment			DDT Isomers	39370	X	VOC - See Attachment
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Ammonia	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 — mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060 — mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300 — mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400 — 7.1 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — 10.0 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		SPEC. CON. — 235 umhos

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

CE-HL USE ONLY

SAMPLING SITE IDENTIFIER (AFP/IRP): 10 | 5 | 7 | A6 | 0 | 0 | 7

BASE WHERE SAMPLE COLLECTED: DEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 HAVEN - PW-3

DATE COLLECTION BEGAN: 8 | 5 (MO) | 1 | 0 | 7 (DAY)

TIME COLLECTION BEGAN (24 hour clock): 1100

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (also if copied):
- ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
- COPY 1: 10 | 5 | 7 USAF HQSC/SGPB PEASE AFB, NH 03803
- COPY 2:

SAMPLE COLLECTED BY (Name, Group AFSC): JOHN A. GILBERT (WESTON)

SIGNATURE: John A. Gilbert

AUTOVON:

REASON FOR EMISSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6 P 8 4 0 2 5 1

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
	00560		Mercury 71900		Sulfide 00740		Dibromochloromethane 32105
	00680		Nickel 01067		Surfactants - MBAS 38260		Methylene Chloride 34423
	00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	00665		Selenium 01147				1,1,1-Trichloroethane 34506
			Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	00722	X	Zinc 01092		Chlordane 39350	X	VOC - see Attachment
X	Metals - see Attachment				DDT Isomers 39370		
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
	32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	01097		Bromide 71870		Methoxychlor 39480		
	01002		Carbon Dioxide 00405		Toxaphene 39400		
	01007		Chloride 00940		2,4-D 39730		
	01012		Color 00080		2,4,5-TP-Silvex 39760		
	01022		Fluoride 00951		2,4,5-T 39740		
	01027		Iodide 71865				
	00916		Odor 00086				
	01034		Residue, Total 00500				
	01032		Residue, Filterable (TDS) 70300		GROUP J		
	01042		Residue, Nonfilterable 00530		Sulfides 00745		

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	7.3 units
Temperature	00010	10.5 °C
Spec Cond.		240 µmhos

COMMENTS

FORM 2752 (JAN 81)

ENVIRONMENTAL SAMPLING DATA

CE-E USE ONLY

SAMPLING SITE IDENTIFIER (LAT/LONG): 01 51 7 P 6 C 08

BASE WHERE SAMPLE COLLECTED: DEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 MMS 1 PW-4

DATE COLLECTION BEGAN: 07

TIME COLLECTION BEGAN (24 hour clock): 1005

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO: ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 01 15 7 — USAF HOSP/SGPB PEASE AFB NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Grade AFSC): JOHN A. GILBERT (WESTON)

SIGNATURE: John A. Gilbert

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GP 34 0252 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A			
	00610		
emical Oxygen Demand	00340		
eidahl Nitrogen	00625		
	00620		
	00615		
& Grease	00560		
anic Carbon	00680		
thophosphate	00671		
	00665		
Oil ORGANIC HALOGEN			

GROUP B			
nide, Total	00720		
nide, Free	00722		

GROUP C			
ols	32730		

GROUP F			
mony	01097		
nic	01002		
um	01007		
llium	01012		
n	01022		
ium	01027		
ry	00916		
ium, Total	01034		
ium VI	01032		
	01042		

NTS

Hardness	00900		
Iron	01045		
Lead	01051		
Magnesium	00927		
Manganese	01055		
Mercury	71900		
Nickel	01067		
Potassium	00937		
Selenium	01147		
Silver	01077		
Sodium	00929		
Thallium	01059		
Zinc	01092		
X Metals - see Attachment			

GROUP G			
Acidity, Total	70508		
Alkalinity, Total	00410		
Alkalinity, Bicarbonate	00425		
Bromide	71870		
Carbon Dioxide	00405		
Chloride	00940		
Color	00080		
Fluoride	00951		
Iodide	71865		
Odor	00086		
Residue, Total	00500		
Residue, Filterable (TDS)	70300		
Residue, Nonfilterable	00530		

Residue, Settleable	50086		
Residue, Volatile	00505		
Silica	00955		
Specific Conductance	00095		
Sulfate	00945		
Sulfide	00740		
Surfactants - MBAS	38260		
Turbidity	00076		

GROUP H			
BHC Isomers	39340		
Chlordane	39350		
DDT Isomers	39370		
Dieldrin	39380		
Endrin	39390		
Heptachlor	39410		
Heptachlor Epoxide	39420		
Lindane	39782		
Methoxychlor	39480		
Toxaphene	39400		
2,4-D	39730		
2,4,5-TP-Silvex	39760		
2,4,5-T	39740		

GROUP J			
Sulfides	00745		

GROUP T			
Bromoform	32104		
Bromodichloromethane	32101		
Carbon Tetrachloride	32102		
Chloroform	32106		
Chloromethane	34418		
Dibromochloromethane	32105		
Methylene Chloride	34423		
Tetrachloroethylene	34475		
1,1,1-Trichloroethane	34506		
Trichloroethylene	39180		
Trihalomethanes	82080		
PCBs	39516		
X VOC - See Attachment			

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.3 units
Temperature	00010	7.0 °C
SPEC. COND		340 µmhos

FORM 2752

ENVIRONMENTAL SAMPLING DATA

CE/HL USE ONLY

SAMPLING SITE IDENTIFIER (MAX 6 CHAR): 0157PS1 069

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 MMS-2, PWS

DATE COLLECTION BEGAN (YYMMDD): 871007

TIME COLLECTION BEGAN (24 hour clock): 1015

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

REPORTS TO: ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 0157 USAF HOSP/SGPB PEASE AFB NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Group AFSC): JOHN A. GILBERT (WESTON)

SIGNATURE: John A. Gilbert

AUTOVON:

REASON FOR MISSION: 0 — A-ACCIDENT/INCIDENT; B-ROUTINE/PERIODIC; C-COMPLAINT; N-NRDES; F-FOLLOWUP/CLEANUP; O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GP84025 3 — LAB USE ONLY

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
		00610	X Iron	01045		Residue, Volatile	00505		Bromoform 32104
		00340	X Lead	01051		Silica	00955		Bromodichloromethane 32101
		00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
		00620	Manganese	01055		Sulfate	00945		Chloroform 32106
		00615	X Mercury	71900		Sulfite	00740		Chloromethane 34418
	& Grease	00560	X Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
	nanic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	thophosphate	00671	X Selenium	01147					Tetrachloroethylene 34475
	osphorus, Total	00665	X Silver	01077					1,1,1-Trichloroethane 34506
X	ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	nide, Total	00720	X Zinc	01092		Chlordane	39350		PCBs 39516
	nide, Free	00722				DDT Isomers	39370	X	VOC - SEE ATTACHMENT
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	ools	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	moony	01097	Bromide	71870		Methoxychlor	39480		
	mic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	ium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	llium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	m	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 — mgd
	ium	01027	Iodide	71865					Chlorine, Total 50060 — mg/l
	ium	00916	Odor	00086					Dissolved Oxygen 00300 — mg/l
	ium, Total	01034	Residue, Total	00500					pH 00400 — 7.6 units
	ium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — 10.0 °C
	er	01042	Residue, Nonfilterable	00530		Sulfides	00745		SPEC. COND. — 210 mho/cm

COMMENTS

FORM AMBI 2752

ENVIRONMENTAL SAMPLING DATA

OFFICE USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-1): 0 1 S 7 P 1 6 - 0 1 C

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 LOOMIS PW-6

COLLECTION BEGAN (YR MO DD): 8 4 1 0 7

TIME COLLECTION BEGAN (24 hour clock): 1035

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS — ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY 1: 0 1 S 7 USAF HOSP/SGPB PEASE AFB, NH 03803

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): JOHN A. GILBERT (WESTON)

SIGNATURE: John A. Gilbert

AUTOVON:

REASON FOR SUBMISSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G P 8 4 0 2 5 4

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
[illegible]	00610	X Iron	01045	Residue, Volatile	00505	Bromoform	32104		
[illegible] Oxygen Demand	00340	X Lead	01051	Silica	00955	Bromodichloromethane	32101		
[illegible] Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
[illegible]	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
[illegible]	00615	X Mercury	71900	Sulfite	00740	Chloromethane	34418		
[illegible] Grease	00560	X Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105		
[illegible] Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
[illegible]phosphate	00671	X Selenium	01147			Tetrachloroethylene	34475		
[illegible]phorus, Total	00665	X Silver	01077			1,1,1-Trichloroethane	34506		
X ORGANIC HALIDES		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080		
[illegible]ide, Total	00720	X Zinc	01092	Chlordane	39350	PCBs	39516		
[illegible]ide, Free	00722			DDT Isomers	39370	X VOC - SEE ATTACHMENT			
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
[illegible]ols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
[illegible]body	01097	Bromide	71870	Methoxychlor	39480				
[illegible]ic	01002	Carbon Dioxide	00405	Toxaphene	39400				
[illegible]um	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES			
[illegible]llium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter		Value	
[illegible]n	01022	Fluoride	00951	2,4,5-T	39740	Flow	50050		mgd
[illegible]ium	01027	Iodide	71865			Chloride, Total	50060		mg/l
[illegible]um	00916	Odor	00086			Dissolved O2 (DO)	00300		mg/l
[illegible]ium, Total	01034	Residue, Total	00500			pH	00400	7.3	units
[illegible]ium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature	00010	9.0	°C
[illegible]r	01042	Residue, Nonfilterable	00530	Sulfides	00745	SPEC COND		240	umhos/cm

NTS

FORM 2752

ENVIRONMENTAL SAMPLING DATA

OFFICE USE ONLY

SAMPLING SITE IDENTIFIER (AFP 19): 0157 PG 010

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 4 LOOMIS BLANK PW-7

DATE COLLECTION BEGAN (YYMMDD): 3,4,1,1,0,7

TIME COLLECTION BEGAN (24 hour clock): 1035

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

REPORTS TO: ORIGINAL — Major Barnes, Technical Program Mgr, Brooks AFB TX 78235

COPY TO (if any): COPY 1 — 0157 — USAF HOSP/SG PB PEASE AFB NH 03803

COPY 2

SAMPLE COLLECTED BY (Name, Grade, AFSC): JOHN A. GILBERT (WESTON)

SIGNATURE: John A Gilbert

AUTOVON

REASON FOR SUBMISSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GP84025 5

OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness	00900	Residue, Settleable	50086	GROUP T			
	00610	X Iron	01045	Residue, Volatile	00505	Bromoform	32104		
Chemical Oxygen Demand	00340	X Lead	01051	Silica	00955	Bromodichloromethane	32101		
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102		
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106		
Nitrite	00615	X Mercury	71900	Sulfite	00740	Chloromethane	34418		
O & G Freon	00560	X Nickel	01067	Surfactants - MBAS	38260	Dibromochloromethane	32105		
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423		
Orthophosphate	00671	X Selenium	01147			Tetrachloroethylene	34475		
Phosphorus, Total	00665	X Silver	01077			1,1,1-Trichloroethane	34506		
TOTAL ORGANIC HALOGEN		Sodium	00929	GROUP H		Trichloroethylene	39180		
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080		
Cyanide, Total	00720	X Zinc	01092	Chlordane	39350	PCBs	39516		
Cyanide, Free	00722			DDT Isomers	39370	X VOC See Attachment			
				Dieldrin	39380				
GROUP E		GROUP G		Endrin	39390				
Phenols	32730	Acidity, Total	70508	Heptachlor	39410				
		Alkalinity, Total	00410	Heptachlor Epoxide	39420				
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782				
Antimony	01097	Bromide	71870	Methoxychlor	39480				
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400				
Barium	01007	Chloride	00940	2,4-D	39730				
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	ON SITE ANALYSES			
Boron	01022	Fluoride	00951	2,4,5-T	39740	Parameter		Value	
Cadmium	01027	Iodide	71865			Flow	50050		mgd
Silicon	00916	Odor	00086			Chloride, Total	50060		mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen	00300		mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		pH	00400	7.3	units
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Temperature	00010	9.0	°C
COMMENTS						SPEC. CON.		240	µmhos

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 NA - 0 8 1

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 23

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 5 0 7

TIME COLLECTION BEGAN (24 hour clock): 0820

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 01 87

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP D			GROUP E			GROUP F			GROUP G			GROUP H			GROUP J			GROUP T	
	Ammonia	00610		Cyanide, Total	00720	X	Phenols	32730		Antimony	01097		Acidity, Total	70508		BHC Isomers	39340		Sulfides	00745	X	Bromoform	32104
	Chemical Oxygen Demand	00340		Cyanide, Free	00722	X	See Attachments			Arsenic	01002		Alkalinity, Total	00410		Chlordane	39350					Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625								Barium	01007		Alkalinity, Bicarbonate	00425		DDT Isomers	39370	X	See Attachments			Carbon Tetrachloride	32102
	Nitrate	00620								Beryllium	01012		Bromide	71870		Dieldrin	39380					Chloroform	32106
	Nitrite	00615								Boron	01022		Carbon Dioxide	00405		Endrin	39390					Chloromethane	34418
X	Oil & Grease	00560								Cadmium	01027		Chloride	00940		Heptachlor	39410					Dibromochloromethane	32105
X	Organic Carbon	00680								Calcium	00916		Color	00080		Heptachlor Epoxide	39420					Methylene Chloride	34423
	Orthophosphate	00671								Chromium, Total	01034		Fluoride	00951		Lindane	39782					Tetrachloroethylene	34475
	Phosphorus, Total	00665								Chromium VI	01032		Iodide	71865		Methoxychlor	39480					1,1,1-Trichloroethane	34506
X	Total Organic Halogen									Copper	01042		Odor	00086		Toxaphene	39400					Trichloroethylene	39180
										Iron	01045		Residue, Total	00500		2,4-D	39730					Trihalomethanes	82080
										Lead	01051		Residue, Filterable (TDS)	70300		2,4,5-TP-Silvex	39760					PCBs	39516
										Magnesium	00927		Residue, Nonfilterable	00530		2,4,5-T	39740						
										Manganese	01055												
										Mercury	71900												
										Nickel	01067												
										Potassium	00937												
										Selenium	01147												
										Silver	01077												
										Sodium	00929												
										Thallium	01059												
										Zinc	01092												

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.8 units
Temperature	00010	90 °C
CONDUCTIVITY		55 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

HQENGLAFB ONLY

SAMPLING SITE IDENTIFIER (AFR 19-9): 0157 NA - 082

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 24

DATE COLLECTION BEGAN (YYMMDD): 15 05 06

TIME COLLECTION BEGAN (24 hour clock): 1240

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF ORHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0188

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T
	Ammonia 00610		Iron 01045		Residue, Volatile 00505		Bromoform 32104
	Chemical Oxygen Demand 00340		Lead 01051		Silica 00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Nitrate 00620		Manganese 01055		Sulfate 00945		Chloroform 32106
	Nitrite 00615		Mercury 71900		Sulfite 00740		Chloromethane 34418
X	Oil & Grease 00560		Nickel 01067		Surfactants -MBAS 38260		Dibromochloromethane 32105
X	Organic Carbon 00680		Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Orthophosphate 00671		Selenium 01147				Tetrachloroethylene 34475
	Phosphorus, Total 00665		Silver 01077				1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGENS		Sodium 00929		GROUP H		Trichloroethylene 39180
	GROUP D		Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Cyanide, Total 00720		Zinc 01092		Chlordane 39350		PCBs 39516
	Cyanide, Free 00722	X	SEE ATTACHMENT		DDT Isomers 39370	X	SEE ATTACHMENT
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
X	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
	Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050 — mgd
	Cadmium 01027		Iodide 71865				Chlorine, Total 50060 — mg/l
	Calcium 00916		Odor 00086				Dissolved Oxygen 00300 — mg/l
	Chromium, Total 01034		Residue, Total 00500				pH 00400 — 7.4 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 — 9.0 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		CONDUCTIVITY — 175 µmhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

GENIUS ONLY

SAMPLING SITE IDENTIFIER (APR 19-9): 0157 NA 083

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 25

DATE COLLECTION BEGAN (YYMMDD): 18 5 0 5 0 6

TIME COLLECTION BEGAN (24 hour clock): 1140

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)

ORIGINAL		USAF ORHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1	0157	LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2		

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBRON MC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 85 01 89

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			Hardness	00900		Residue, Settleable	50086	GROUP T
	Ammonia	00610		Iron	01045		Residue, Volatile	00505	Bromoform 32104
	Chemical Oxygen Demand	00340	X	Lead	01051		Silica	00955	Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625		Magnesium	00927		Specific Conductance	00095	Carbon Tetrachloride 32102
	Nitrate	00620		Manganese	01055		Sulfate	00945	Chloroform 32106
	Nitrite	00615		Mercury	71900		Sulfite	00740	Chloromethane 34418
X	Oil & Grease	00560		Nickel	01067		Surfactants -MBAS	38260	Dibromochloromethane 32105
	Organic Carbon	00680		Potassium	00937		Turbidity	00076	Methylene Chloride 34423
	Orthophosphate	00671		Selenium	01147				Tetrachloroethylene 34475
	Phosphorus, Total	00665		Silver	01077				1,1,1-Trichloroethane 34506
				Sodium	00929		GROUP H		Trichloroethylene 39180
	GROUP D			Thallium	01059		BHC Isomers	39340	Trihalomethanes 82080
	Cyanide, Total	00720		Zinc	01092		Chlordane	39350	PCBs 39516
	Cyanide, Free	00722					DDT Isomers	39370	
							Dieldrin	39380	
	GROUP E			GROUP G			Endrin	39390	
	Phenols	32730		Acidity, Total	70508		Heptachlor	39410	
				Alkalinity, Total	00410		Heptachlor Epoxide	39420	
	GROUP F			Alkalinity, Bicarbonate	00425		Lindane	39782	
	Antimony	01097		Bromide	71870		Methoxychlor	39480	
	Arsenic	01002		Carbon Dioxide	00405		Toxaphene	39400	
	Barium	01007		Chloride	00940		2,4-D	39730	ON SITE ANALYSES
	Beryllium	01012		Color	00080		2,4,5-TP-Silvex	39760	Parameter / Value
	Boron	01022		Fluoride	00951		2,4,5-T	39740	Flow 50050 — mgd
	Cadmium	01027		Iodide	71865				Chlorine, Total 50060 — mg/l
	Calcium	00916		Odor	00086				Dissolved Oxygen 00300 — mg/l
	Chromium, Total	01034		Residue, Total	00500				pH 00400 — 6.0 units
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010 — 8.5 °C
	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745	CONDUCTIVITY — 105 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

CONTROL NUMBER (DENSLINK ONLY)

SAMPLING SITE IDENTIFIER (AFR 19-9): 0 1 S 7 N A 0 3 4

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 26

DATE COLLECTION BEGAN (YYMMDD): 1 8 5 0 1 5 0 6

TIME COLLECTION BEGAN (24 hour clock): 1056

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF ORHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBRON MC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, M-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0191

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340	X	Lead 01051		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Magnesium 00927		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Manganese 01055		Specific Conductance 00095		Chlorobenzene 32105
	Nitrite 00615		Mercury 71900		Sulfate 00945		Chloroethane 34418
X	Oil & Grease 00560		Nickel 01067		Sulfite 00740		Dibromochloromethane 32105
	Organic Carbon 00680		Potassium 00937		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Selenium 01147		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Silver 01077				1,1,1-Trichloroethane 34506
			Sodium 00929		GROUP H		Trichloroethylene 39180
	GROUP D		Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Cyanide, Total 00720		Zinc 01092		Chlordane 39350		PCBs 39516
	Cyanide, Free 00722				DDT Isomers 39370		
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
	Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050 mgd
	Cadmium 01027		Iodide 71865				Chlorine, Total 50060 mg/l
	Calcium 00916		Odor 00086				Dissolved Oxygen 00300 mg/l
	Chromium, Total 01034		Residue, Total 00500				pH 00400 7.9 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 90 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		CONDUCTIVITY 160 µmhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

LOCATION USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 WA 085

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 27

DATE COLLECTION BEGAN (YYMMDD): 850106

TIME COLLECTION BEGAN (24 hour clock): 1025

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF ORHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBSTOU MC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0192

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP D			GROUP E			GROUP F			GROUP G			GROUP H			GROUP J			GROUP T	
	Ammonia	00610		Cyanide, Total	00720		Phenols	32730		Antimony	01097		Hardness	00900		Residue, Settleable	50086		Sulfides	00745		Bromoform	32104
	Chemical Oxygen Demand	00340	X	Cyanide, Free	00722					Arsenic	01002		Iron	01045		Residue, Volatile	00505					Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625								Barium	01007		Lead	01051		Silica	00955					Carbon Tetrachloride	32102
	Nitrate	00620								Beryllium	01012		Magnesium	00927		Specific Conductance	00095					Chlorobenzene	32106
	Nitrite	00615								Boron	01022		Manganese	01055		Sulfate	00945					Chloroethane	34418
X	Oil & Grease	00560								Cadmium	01027		Mercury	71900		Sulfite	00740					Dibromochloromethane	32105
	Organic Carbon	00680								Calcium	00916		Nickel	01067		Surfactants -MBAS	38260					Methylene Chloride	34423
	Orthophosphate	00671								Chromium, Total	01034		Potassium	00937		Turbidity	00076					Tetrachloroethylene	34475
	Phosphorus, Total	00665								Chromium VI	01032		Selenium	01147								1,1,1-Trichloroethane	34506
										Copper	01042		Silver	01077								Trichloroethylene	39180
													Sodium	00929		GROUP H						Trihalomethanes	82080
													Thallium	01059		BHC Isomers	39340					PCBs	39516
													Zinc	01092		Chlordane	39350						
																DDT Isomers	39370						
																Dieldrin	39380						
																Endrin	39390						
																Heptachlor	39410						
																Heptachlor Epoxide	39420						
																Lindane	39782						
																Methoxychlor	39480						
																Toxaphene	39400						
																2,4-D	39730						
																2,4,5-TP-Silvex	39760						
																2,4,5-T	39740						

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400	7.6	units
Temperature	00010	9.0	°C
CONDUCTIVITY		110	µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 W A 0 8 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 28

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 5 0 6

TIME COLLECTION BEGAN (24 hour clock): 0950

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
ORIGINAL: USAF ORHL/SA, BLDG 140, BROOKS AFB, TX
COPY 1: 0 1 S 7 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBSTER MC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, H-HPDES, F-FOLLOWUP/CLEANUP, G-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 1 9 3

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A							
	Ammonia	00610						
	Chemical Oxygen Demand	00340						
	Kjeldahl Nitrogen	00625						
	Nitrate	00620						
	Nitrite	00615						
X	Oil & Grease	00560						
X	Organic Carbon	00680						
	Orthophosphate	00671						
	Phosphorus, Total	00665						
X	TOTAL ORGANIC HALOGEN							

	GROUP D							
	Cyanide, Total	00720						
	Cyanide, Free	00722						

	GROUP E							
	Phenols	32730						

	GROUP F							
	Antimony	01097						
	Arsenic	01002						
	Barium	01007						
	Beryllium	01012						
	Boron	01022						
	Cadmium	01027						
	Calcium	00916						
	Chromium, Total	01034						
	Chromium VI	01032						
	Copper	01042						

	Hardness	00900						
	Iron	01045						
	Lead	01051						
	Magnesium	00927						
	Manganese	01055						
	Mercury	71900						
	Nickel	01067						
	Potassium	00937						
	Selenium	01147						
	Silver	01077						
	Sodium	00929						
	Thallium	01059						
	Zinc	01092						

	GROUP G							
	Acidity, Total	70508						
	Alkalinity, Total	00410						
	Alkalinity, Bicarbonate	00425						
	Bromide	71870						
	Carbon Dioxide	00405						
	Chloride	00940						
	Color	00080						
	Fluoride	00951						
	Iodide	71865						
	Odor	00086						
	Residue, Total	00500						
	Residue, Filterable (TDS)	70300						
	Residue, Nonfilterable	00530						

	Residue, Settleable	50086						
	Residue, Volatile	00505						
	Silica	00955						
	Specific Conductance	00095						
	Sulfate	00945						
	Sulfite	00740						
	Surfactants - MBAS	38260						
	Turbidity	00076						

	GROUP H							
	HHC Isomers	39340						
	Chlordane	39350						
	DDT Isomers	39370						
	Dieldrin	39380						
	Endrin	39390						
	Heptachlor	39410						
	Heptachlor Epoxide	39420						
	Lindane	39782						
	Methoxychlor	39480						
	Toxaphene	39400						
	2,4-D	39730						
	2,4,5-TP-Silvex	39760						
	2,4,5-T	39740						

	GROUP J							
	Sulfides	00745						

	GROUP T							
	Bromoform	32104						
	Bromodichloromethane	32101						
	Carbon Tetrachloride	32102						
	Chloroform	32106						
	Chloromethane	34418						
	Dibromochloromethane	32105						
	Methylene Chloride	34423						
	Tetrachloroethylene	34475						
	1,1,1-Trichloroethane	34506						
	Trichloroethylene	39180						
	Trihalomethanes	82080						
	PCBs	39516						

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400	8.4	units
Temperature	00010	9.0	°C
CONDUCTIVITY		135	μmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 087

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 29

DATE COLLECTION BEGAN (YYMMDD): 850107

TIME COLLECTION BEGAN (24 hour clock): 1415

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)

ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX

COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0194

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A					
	Ammonia	00610				
	Chemical Oxygen Demand	00340				
	Kjeldahl Nitrogen	00625				
	Nitrate	00620				
	Nitrite	00615				
X	Oil & Grease	00560				
X	Organic Carbon	00680				
	Orthophosphate	00671				
	Phosphorus, Total	00665				
X	TOTAL ORGANIC HALOGENS					

	GROUP D	
X	Cyanide, Total	00720
	Cyanide, Free	00722

	GROUP E	
X	Phenols	32730

	GROUP F	
	Antimony	01097
	Arsenic	01002
	Barium	01007
	Beryllium	01012
	Boron	01022
	Cadmium	01027
	Calcium	00916
	Chromium, Total	01034
	Chromium VI	01032
	Copper	01042

	Hardness	00900
	Iron	01045
	Lead	01051
	Magnesium	00927
	Manganese	01055
	Mercury	71900
	Nickel	01067
	Potassium	00937
	Selenium	01147
	Silver	01077
	Sodium	00929
	Thallium	01059
	Zinc	01092
X	SEE ATTACHMENTS	

	GROUP G	
	Acidity, Total	70508
	Alkalinity, Total	00410
	Alkalinity, Bicarbonate	00425
	Bromide	71870
	Carbon Dioxide	00405
	Chloride	00940
	Color	00080
	Fluoride	00951
	Iodide	71865
	Odor	00086
	Residue, Total	00500
	Residue, Filterable (TDS)	70300
	Residue, Nonfilterable	00530

	Residue, Settleable	50086
	Residue, Volatile	00505
	Silica	00955
	Specific Conductance	00095
	Sulfate	00945
	Sulfite	00740
	Surfactants -MBAS	38260
	Turbidity	00076

	GROUP H	
	BHC Isomers	39340
	Chlordane	39350
	DDT Isomers	39370
	Dieldrin	39380
	Endrin	39390
	Heptachlor	39410
	Heptachlor Epoxide	39420
	Lindane	39782
	Methoxychlor	39480
	Toxaphene	39400
	2,4-D	39730
	2,4,5-TP-Silvex	39760
	2,4,5-T	39740
X	SEE ATTACHMENT	

	GROUP J	
	Sulfides	00745

	GROUP T	
	Bromoform	32104
	Bromodichloromethane	32101
	Carbon Tetrachloride	32102
	Chloroform	32106
	Chloromethane	34418
	Dibromochloromethane	32105
	Methylene Chloride	34423
	Tetrachloroethylene	34475
	1,1,1-Trichloroethane	34506
	Trichloroethylene	39180
	Trihalomethanes	82080
	PCBs	39516

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.4 units
Temperature	00010	10.0 °C
CONDUCTIVITY		750 µ mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 089

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 30

DATE COLLECTION BEGAN (YYMMDD): 850107

TIME COLLECTION BEGAN (24 hour clock): 1507

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON MC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 01 95

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A					
	Ammonia	00610				
	Chemical Oxygen Demand	00340				
	Kjeldahl Nitrogen	00625				
	Nitrate	00620				
	Nitrite	00615				
X	Oil & Grease	00560				
X	Organic Carbon	00680				
	Orthophosphate	00671				
	Phosphorus, Total	00665				
X	TOTAL ORGANIC HALOGEN					

	GROUP D	
X	Cyanide, Total	00720
	Cyanide, Free	00722

	GROUP E	
X	Phenols	32730

	GROUP F	
	Antimony	01097
	Arsenic	01002
	Barium	01007
	Beryllium	01012
	Boron	01022
	Cadmium	01027
	Calcium	00916
	Chromium, Total	01034
	Chromium VI	01032
	Copper	01042

	Hardness	00900
	Iron	01045
	Lead	01051
	Magnesium	00927
	Manganese	01055
	Mercury	71900
	Nickel	01067
	Potassium	00937
	Selenium	01147
	Silver	01077
	Sodium	00929
	Thallium	01059
	Zinc	01092
X	SEE ATTACHMENTS	

	GROUP G	
	Acidity, Total	70508
	Alkalinity, Total	00410
	Alkalinity, Bicarbonate	00425
	Bromide	71870
	Carbon Dioxide	00405
	Chloride	00940
	Color	00080
	Fluoride	00951
	Iodide	71865
	Odor	00086
	Residue, Total	00500
	Residue, Filterable (TDS)	70300
	Residue, Nonfilterable	00530

	Residue, Settleable	50086
	Residue, Volatile	00505
	Silica	00955
	Specific Conductance	00095
	Sulfate	00945
	Sulfite	00740
	Surfactants -MBAS	38260
	Turbidity	00076

	GROUP H	
	BHC Isomers	39340
	Chlordane	39350
	DDT Isomers	39370
	Dieldrin	39380
	Endrin	39390
	Heptachlor	39410
	Heptachlor Epoxide	39420
	Lindane	39782
	Methoxychlor	39480
	Toxaphene	39400
	2,4-D	39730
	2,4,5-TP-Silvex	39760
	2,4,5-T	39740
X	SEE ATTACHMENTS	

	GROUP J	
	Sulfides	00745

	GROUP T	
	Bromoform	32104
	Bromodichloromethane	32101
	Carbon Tetrachloride	32102
	Chloroform	32106
	Chloromethane	34418
	Dibromochloromethane	32105
	Methylene Chloride	34423
	Tetrachloroethylene	34475
	1,1,1-Trichloroethane	34506
	Trichloroethylene	39180
	Trihalomethanes	82080
	PCBs	39516

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.5 units
Temperature	00010	8.5 °C
CONDUCTIVITY		115 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 8 9

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 31

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 8 0 7

TIME COLLECTION BEGAN (24 hour clock): 1620

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1 (0 1 S 7): LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0196

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
X	Total Organic Halogen		Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		PCBs 39516
	Cyanide, Free 00722		Zinc 01092		
	GROUP E		GROUP G	GROUP H	
	Phenols 32730		Acidity, Total 70508	EHC Isomers 39340	
			Alkalinity, Total 00410	Chlordane 39350	
	GROUP F		Alkalinity, Bicarbonate 00425	DDT Isomers 39370	
	Antimony 01097		Bromide 71870	Dieldrin 39380	
	Arsenic 01002		Carbon Dioxide 00405	Endrin 39390	
	Barium 01007		Chloride 00940	Heptachlor 39410	
	Beryllium 01012		Color 00080	Heptachlor Epoxide 39420	
	Boron 01022		Fluoride 00951	Lindane 39782	
	Cadmium 01027		Iodide 71865	Methoxychlor 39480	
	Calcium 00916		Odor 00086	Toxaphene 39400	
	Chromium, Total 01034		Residue, Total 00500	2,4-D 39730	
	Chromium VI 01032		Residue, Filterable (TDS) 70300	2,4,5-TP-Silvex 39760	
	Copper 01042		Residue, Nonfilterable 00530	2,4,5-T 39740	
				GROUP J	
				Sulfides 00745	

ON SITE ANALYSES

Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	5.7 units
Temperature 00010	[illegible] °C
CONDUCTIVITY	650 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 9 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 32

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 4 1 0

TIME COLLECTION BEGAN (24 hour clock): 1237 Hours

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WEBSTER MC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 1 9 7

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002
	Kjeldahl Nitrogen 00625						Barium 01007
	Nitrate 00620						Beryllium 01012
	Nitrite 00615						Boron 01022
X	Oil & Grease 00560						Cadmium 01027
X	Organic Carbon 00680						Calcium 00916
	Orthophosphate 00671						Chromium, Total 01034
	Phosphorus, Total 00665						Chromium VI 01032
X	TOTAL ORGANIC HALOGENS						Copper 01042

	Hardness 00900		Residue, Settleable 50086		GROUP T
	Iron 01045		Residue, Volatile 00505		Bromoform 32104
	Lead 01051		Silica 00955		Bromodichloromethane 32101
	Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Manganese 01055		Sulfate 00945		Chloroform 32106
	Mercury 71900		Sulfite 00740		Chloromethane 34418
	Nickel 01067		Surfactants - MBAS 38260		Dibromochloromethane 32105
	Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Selenium 01147				Tetrachloroethylene 34475
	Silver 01077				1,1,1-Trichloroethane 34506
	Sodium 00929		GROUP H		Trichloroethylene 39180
	Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Zinc 01092		Chlordane 39350		PCBs 39516
X	SEE ATTACHMENT		DDT Isomers 39370		
			Dieldrin 39380		
	GROUP G		Endrin 39390		
	Acidity, Total 70508		Heptachlor 39410		
	Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	Alkalinity, Bicarbonate 00425		Lindane 39782		
	Bromide 71870		Methoxychlor 39480		
	Carbon Dioxide 00405		Toxaphene 39400		
	Chloride 00940		2,4-D 39730		
	Color 00080		2,4,5-TP-Silvex 39760		
	Fluoride 00951		2,4,5-T 39740		
	Iodide 71865				
	Odor 00086				
	Residue, Total 00500				
	Residue, Filterable (TDS) 70300		GROUP J		
	Residue, Nonfilterable 00530		Sulfides 00745		

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.2 units
Temperature	00010	10 °C
CONDUCTIVITY		1000 µ mhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

HQ USAFE USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 091

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 33

DATE COLLECTION BEGAN (YYMMDD): 850501

TIME COLLECTION BEGAN (24 hour clock): 1423

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF ORHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0198

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T
	Ammonia 00610		Cyanide, Total 00720		[X] Phenols 32730		Antimony 01097		Acidity, Total 70508		EHC Isomers 39340		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370		Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380		Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390		Chloromethane 34418
[X]	Oil & Grease 00560						Cadmium 01027		Chloride 00940		Heptachlor 39410		Dibromochloromethane 32105
[X]	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420		Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782		Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865		Methoxychlor 39480		1,1,1-Trichloroethane 34506
[X]	TOTAL ORGANIC HALOGEN						Copper 01042		Odor 00086		Toxaphene 39400		Trichloroethylene 39180
	GROUP B						Iron 01045		Residue, Total 00500		2,4-D 39730		Trihalomethanes 82080
	Lead 01051						Magnesium 00927		Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760		PCBs 39516
	Magnesium 00927						Manganese 01055		Residue, Nonfilterable 00530		2,4,5-T 39740		
	Manganese 01055						Mercury 71900		GROUP J				
	Mercury 71900						Nickel 01067		Sulfides 00745				
	Nickel 01067						Potassium 00937						
	Potassium 00937						Selenium 01147						
	Selenium 01147						Silver 01077						
	Silver 01077						Sodium 00929						
	Sodium 00929						Thallium 01059						
	Thallium 01059						Zinc 01092						
	Zinc 01092						[X] SEE ATTACHMENT						

	GROUP C	
	Hardness	00900
	Residue, Settleable	50086
	Residue, Volatile	00505
	Silica	00955
	Specific Conductance	00095
	Sulfate	00945
	Sulfite	00740
	Surfactants - MBAS	38260
	Turbidity	00076

ON SITE ANALYSES

Parameter		Value	
Flow	50050		mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300		mg/l
pH	00400	9	units
Temperature	00010	10	°C
CONDUCTIVITY		250 M	mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157NA092

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 34

DATE COLLECTION BEGAN (YYMMDD): 850130

TIME COLLECTION BEGAN (24 hour clock): 1435

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0157 LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW85 0199

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610		Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340		Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625		Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620		Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615		Mercury	71900		Sulfite	00740		Chloromethane	34418
X	Oil & Grease	00560		Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
X	Organic Carbon	00680		Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671		Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665		Silver	01077					1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGEN			Sodium	00929		GROUP H			Trichloroethylene	39180
X	GROUP D			Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720		Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722	X	SEE ATTACHMENT			DDT Isomers	39370			
							Dieldrin	39380			
	GROUP E			GROUP G			Endrin	39390			
X	Phenols	32730		Acidity, Total	70508		Heptachlor	39410			
				Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F			Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097		Bromide	71870		Methoxychlor	39480			
	Arsenic	01002		Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007		Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012		Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022		Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027		Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916		Odor	00086					Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034		Residue, Total	00500					pH 00400	7.3 units
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	10 °C
	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745		CONDUCTIVITY	1400 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 9 3

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 3S

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 4 3 0

TIME COLLECTION BEGAN (24 hour clock): 1530

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 2 0 0

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T
	Ammonia 00610		Cyanide, Total 00720		[X] Phenols 32730		Antimony 01097		Acidity, Total 70508		EHC Isomers 39340		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625				GROUP F		Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390		Sulfate 00945		Chloromethane 34418
[X]	Oil & Grease 00560						Cadmium 01027		Chloride 00940		Heptachlor 39410		Sulfite 00740		Dibromochloromethane 32105
[X]	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865		Methoxychlor 39480				1,1,1-Trichloroethane 34506
[X]	Total Organic Halogen						Copper 01042		Odor 00086		Toxaphene 39400				Trichloroethylene 39180
							Iron 01045		Residue, Total 00500		2,4-D 39730				Trihalomethanes 82080
							Lead 01051		Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760				PCBs 39516
							Magnesium 00927		Residue, Nonfilterable 00530		2,4,5-T 39740				
							Manganese 01055								
							Mercury 71900								
							Nickel 01067								
							Potassium 00937								
							Selenium 01147								
							Silver 01077								
							Sodium 00929								
							Thallium 01059								
							Zinc 01092								
							[X] SEE ATTACHMENT								

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.5 units
Temperature	00010	10 °C
CONDUCTIVITY		6E-4 mhos
		4200

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

CONTRACTOR ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 7 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 18

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 5 0 7

TIME COLLECTION BEGAN (24 hour clock): 1008

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WIEBOLDT)

SIGNATURE: Glenn R. Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 1 8 1

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP T
	Ammonia 00610		Cyanide, Total 00720		X Phenols 32730		Antimony 01097		Acidity, Total 70508		EHC Isomers 39340		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370		Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380		Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390		Chloromethane 34418
X	Oil & Grease 00560						Cadmium 01027		Chloride 00940		Heptachlor 39410		Dibromochloromethane 32105
X	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420		Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782		Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865		Methoxychlor 39480		1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGENS						Copper 01042		Odor 00086		Toxaphene 39400		Trichloroethylene 39180
									Residue, Total 00500		2,4-D 39730		Trihalomethanes 82080
									Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760		PCBs 39516
									Residue, Nonfilterable 00530		2,4,5-T 39740	X	SEE ATTACHMENT

	GROUP J
	Residue, Settleable 50086
	Residue, Volatile 00505
	Silica 00955
	Specific Conductance 00095
	Sulfate 00945
	Sulfite 00740
	Surfactants - MBAS 38260
	Turbidity 00076
	Sulfides 00745

ON SITE ANALYSES

Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved Oxygen 00300	mg/l
pH 00400	7.0 units
Temperature 00010	10.0 °C
CONDUCTIVITY	230 µ mhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A - 0 7 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 40

DATE COLLECTION BEGAN (YYMMDD): 1 5 1 0 1 5 1 0 7 1

TIME COLLECTION BEGAN (24 hour clock): 1005

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX
- COPY 1: 0 1 S 7 — LT. McCOY, USAF HOSP. PEASE/SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 8 5 0 1 8 2

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
K	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
K	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722	K	SEE ATTACHMENT		Chlordane 39350	X	SEE ATTACHMENT
					DDT Isomers 39370		
	GROUP E		GROUP G		Dieldrin 39380		
X	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		
	Boron 01022		Fluoride 00951		2,4,5-TP-Silvex 39760		
	Cadmium 01027		Iodide 71865		2,4,5-T 39740		
	Calcium 00916		Odor 00086				
	Chromium, Total 01034		Residue, Total 00500				
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	7.0 units
Temperature	00010	10.0 °C
CONDUCTIVITY		230 μmhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 059

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-1

DATE COLLECTION BEGAN (YYMMDD): 850131

TIME COLLECTION BEGAN (24 hour clock): 0935

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1):
- ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
- COPY 1 0157: LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801
- COPY 2:

GLENN R SMART (ROY F. WESTON INC.) Glenn R Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 0050 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
V	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 — mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060 — mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300 —
	Chromium, Total	01034	Residue, Total	00500					pH 00400 — 7.0 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — 10.6 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		Conduct. — 220 u mhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 01 57 NA 0 60

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: RFW-2

DATE COLLECTION BEGAN (YYMMDD): 18 5 01 3 19

TIME COLLECTION BEGAN (24 hour clock): 1115

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (each if different)
ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
COPY 1: 0157 — HQ MCCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801
COPY 2:

GLENN R SMART (ROY F WESTON INC.) Glenn R Smart

SUBMISSION: 0 = FOR; A = ACCIDENT/INCIDENT; B = ROUTINE/PERIODIC; C = COMPLAINT; K = RPDES; F = FOLLOW UP/CLEANUP; O = OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 005 1 OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
✓	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGENS		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722				DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter / Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050 — gpd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060 — mg/l
	Calcium	00915	Odor	00086					Dissolved Oxygen 00300 — 4.9 mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400 — 7.2 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010 — 9.0 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		CONDUCT. 430 µmhos/cm

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 WA 061

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-3

DATE COLLECTION BEGAN (YYMMDD): 880913

TIME COLLECTION BEGAN (24 hour clock): 1250

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if desired):
- ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
- COPY 1 (0157): LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
- COPY 2:

GLENN R SMART (FOR F. WESTON INC)

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 005 2

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane	34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride	34423
X	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722				DDT Isomers	39370			
						Dieldrin	39380			
	GROUP E		GROUP G			Endrin	39390			
	Phenols	32730	Acidity, Total	70508		Heptachlor	39410			
			Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097	Bromide	71870		Methoxychlor	39480			
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050	-- mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300	
	Chromium, Total	01034	Residue, Total	00500					pH 00400	8.1 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	8.0 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		CONDUCT.	130 µmhos/cm

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 NA 0 6 2

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-4

DATE COLLECTION BEGAN (YYMMDD): 18 5 0 3 1 1 9 1

TIME COLLECTION BEGAN (24 hour clock): 1335

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check 1): ORIGINAL — USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1 — 0 7 5 7 — LT. McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2

GLENN R. SMART (ROY F. WESTON INC.) Glenn R. Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOW UP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G N 0 5 0 0 5 3

OEHL PD

ANALYSES REQUESTED (Check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900	Residue, Settleable 50086	Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045	Residue, Volatile 00505	Bromodichloromethane 32101
	Ejeldahl Nitrogen 00625		Lead 01051	Silica 00955	Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927	Specific Conductance 00095	Chloroform 32106
	Nitrite 00615		Manganese 01055	Sulfate 00945	Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900	Sulfite 00740	Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067	Surfactants -MBAS 38260	Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937	Turbidity 00076	Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC NITROGEN		Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929	GROUP H	Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059	BHC Isomers 39340	PCBs 39516
	Cyanide, Free 00722		Zinc 01092	Chlordane 39350	
				DDT Isomers 39370	
	GROUP E		GROUP G	Dieldrin 39380	
	Phenols 32730		Acidity, Total 70508	Endrin 39390	
			Alkalinity, Total 00410	Heptachlor 39410	
	GROUP F		Alkalinity, Bicarbonate 00425	Heptachlor Epoxide 39420	
	Antimony 01097		Bromide 71870	Lindane 39782	
	Arsenic 01002		Carbon Dioxide --- 00405	Methoxychlor 39480	
	Barium 01007		Chloride 00940	Toxaphene 39400	
	Beryllium 01012		Color 00080	2,4-D 39730	
	Boron 01022		Fluoride 00951	2,4,5-TP-Silvex 39760	
	Cadmium 01027		Iodide 71865	2,4,5-T 39740	
	Calcium 00916		Odor 00086		
	Chromium, Total 01034		Residue, Total 00500		
	Chromium VI 01032		Residue, Filterable (TDS) 70300	GROUP J	
	Copper 01042		Residue, Nonfilterable 00530	Sulfides 00745	

ON SITE ANALYSES

Parameter		Value	
Flow	50050	--	mgd
Chlorine, Total	50060		mg/l
~~Dissolved Oxygen~~	~~00300~~		~~mg/l~~
pH	00400	6.6	units
Temperature	00010	8.0	°C
CONDUCT.		110	

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 063

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-5

DATE COLLECTION BEGAN (YYMMDD): 850712

TIME COLLECTION BEGAN (24 hour clock): 0931

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL — USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235; COPY 1 — 0157 — T. McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801; COPY 2

GLENN R. SMART (ROY F WESTON INC.)

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT; R-ROUTINE/PERIODIC; C-COMPLAINT; N-NPDES; F-FOLLOWUP/CLEANUP; O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 0055 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP D			GROUP E			GROUP F			GROUP G			GROUP H			GROUP J			GROUP T	
	Ammonia	00610		Cyanide, Total	00720		Phenols	32730		Antimony	01097		Hardness	00900		BHC Isomers	39340		Sulfides	00745		Bromoform	32104
	Chemical Oxygen Demand	00340		Cyanide, Free	00722					Arsenic	01002		Iron	01045		Chlordane	39350					Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625								Barium	01007		Lead	01051		DDT Isomers	39370					Carbon Tetrachloride	32102
	Nitrate	00620								Beryllium	01012		Magnesium	00927		Dieldrin	39380					Chloroform	32106
	Nitrite	00615								Boron	01022		Manganese	01055		Endrin	39390					Chloromethane	34418
X	Oil & Grease	00560								Cadmium	01027		Mercury	71900		Heptachlor	39410					Dibromochloromethane	32105
X	Organic Carbon	00680								Calcium	00916		Nickel	01067		Heptachlor Epoxide	39420					Methylene Chloride	34423
	Orthophosphate	00671								Chromium, Total	01034		Potassium	00937		Lindane	39782					Tetrachloroethylene	34475
	Phosphorus, Total	00665								Chromium VI	01032		Selenium	01147		Methoxychlor	39480					1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGEN									Copper	01042		Silver	01077		Toxaphene	39400					Trichloroethylene	39180
													Sodium	00929		2,4-D	39730					Trihalomethanes	82080
													Thallium	01059		2,4,5-TP-Silvex	39760					PCBs	39516
													Zinc	01092		2,4,5-T	39740						
													Iodide	71865	λ	SEE ATTACHMENT							
													Acidity, Total	70508									
													Alkalinity, Total	00410									
													Alkalinity, Bicarbonate	00425									
													Bromide	71870									
													Carbon Dioxide	00405									
													Chloride	00940									
													Color	00080									
													Fluoride	00951									
													Odor	00086									
													Residue, Total	00500									
													Residue, Filterable (TDS)	70300									
													Residue, Nonfilterable	00530									
																Residue, Settleable	50086						
																Residue, Volatile	00505						
																Silica	00955						
																Specific Conductance	00095						
																Sulfate	00945						
																Sulfite	00740						
																Surfactants -MBAS	38260						
																Turbidity	00076						

ON SITE ANALYSES

Parameter		Value	
Flow	50050	--	mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300	--	mg/l
pH	00400	8.2	units
Temperature	00010	6.0	°C
CONDUCT.		154	umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 0647

BASE WHERE SAMPLE COLLECTED: ~~BOLLING~~ PEASE, AFB NH

SAMPLING SITE DESCRIPTION: RFW-6

DATE COLLECTION BEGAN (YYMMDD): 851013

TIME COLLECTION BEGAN (24 hour clock): 1431

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed):
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX 78235
- COPY 1: 0157 LT. McCoy, USAF HOSP PEASE ISAPB, PEASE AFB NH
- COPY 2: -

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 0056

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002
	Kjeldahl Nitrogen 00625				GROUP G		Barium 01007
	Nitrate 00620		GROUP H		Acidity, Total 70508		Beryllium 01012
	Nitrite 00615		BHC Isomers 39340		Alkalinity, Total 00410		Boron 01022
X	Oil & Grease 00560		Chlordane 39350		Alkalinity, Bicarbonate 00425		Cadmium 01027
X	Organic Carbon 00680		DDT Isomers 39370		Bromide 71870		Calcium 00916
	Orthophosphate 00671		Dieldrin 39380		Carbon Dioxide 00405		Chromium, Total 01034
	Phosphorus, Total 00665		Endrin 39390		Chloride 00940		Chromium VI 01032
X	TOTAL ORGANIC HALOGEN		Heptachlor 39410		Color 00080		Copper 01042
	Sodium 00929		Heptachlor Epoxide 39420		Fluoride 00951		Cyanide 00720
	Thallium 01059		Lindane 39782		Iodide 71865		Iron 01045
	Zinc 01092		Methoxychlor 39480		Odor 00086		Lead 01051
X	SEE ATTACHMENT		Toxaphene 39400		Residue, Total 00500		Magnesium 00927
			2,4-D 39730		Residue, Filterable (TDS) 70300		Manganese 01055
			2,4,5-TP-Silvex 39760		Residue, Nonfilterable 00530		Mercury 71900
			2,4,5-T 39740		GROUP J		Nickel 01067
			SEE ATTACHMENT		Sulfides 00745		Potassium 00937

	Residue, Settleable 50086		GROUP T
	Residue, Volatile 00505		Bromoform 32104
	Silica 00955		Bromodichloromethane 32101
	Specific Conductance 00095		Carbon Tetrachloride 32102
	Sulfate 00945		Chloroform 32106
	Sulfite 00740		Chloromethane 34418
	Surfactants -MBAS 38260		Dibromochloromethane 32105
	Turbidity 00076		Methylene Chloride 34423
			Tetrachloroethylene 34475
			1,1,1-Trichloroethane 34506
			Trichloroethylene 39180
			Trihalomethanes 82080
			PCBs 39516
			~~BACTERIOLOGICAL TEST~~

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.2 units
Temperature	00010	6.0 °C
CONDUCT.		1160 micros

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): C157NA0K1

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-7

DATE COLLECTION BEGAN (YYMMDD): 18 5 03 12 0

TIME COLLECTION BEGAN (24 hour clock): 0947

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE ____ HOURS

MAIL REPORTS TO (check if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
- COPY 1: C157 LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801
- COPY 2:

GLENN R. SMART (ROY EVERSTON (AK.)) Glenn R Smart

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE 2

BASE SAMPLE NUMBER: GN95 0057 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T	
	Ammonia	00610	Cyanide, Total	00720	X Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745	Bromoform	32104
	Chemical Oxygen Demand	00340	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350			Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370			Carbon Tetrachloride	32102
	Nitrate	00620					Beryllium	01012	Bromide	71870	Dieldrin	39380			Chloroform	32106
	Nitrite	00615					Boron	01022	Carbon Dioxide	00405	Endrin	39390			Chloromethane	34418
X	Oil & Grease	00560					Cadmium	01027	Chloride	00940	Heptachlor	39410			Dibromochloromethane	32105
X	Organic Carbon	00680					Calcium	00916	Color	00080	Heptachlor Epoxide	39420			Methylene Chloride	34423
	Orthophosphate	00671					Chromium, Total	01034	Fluoride	00951	Lindane	39782			Tetrachloroethylene	34475
	Phosphorus, Total	00665					Chromium VI	01032	Iodide	71865	Methoxychlor	39480			1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGEN						Copper	01042	Odor	00086	Toxaphene	39400			Trichloroethylene	39180
									Residue, Total	00500	2,4-D	39730			Trihalomethanes	82080
									Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760			PCBs	39516
									Residue, Nonfilterable	00530	2,4,5-T	39740				
									X SEE ATTACHMENT		X SEE ATTACHMENT					

ON SITE ANALYSES

Parameter		Value
Flow	50050	___ m.gd
Chlorine, Total	50060	___ mg/l
~~Dissolved Oxygen~~	~~00300~~	___ mg/l
pH	00400	7.6 units
Temperature	00010	7.6 °C
CONDUCT.		383 micromhos

COMMENTS

X SEE ATTACHMENT

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 066

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-8

DATE COLLECTION BEGAN (YYMMDD): 850130

TIME COLLECTION BEGAN (24 hour clock): 1130

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS -TO (circle 1 entered): ORIGINAL; COPY 1 — 0157 — USAF OEHL/SA, BLDG 140, Brook's AFB, TX 78235; LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801; COPY 2

GLENN R SMART (ROY F WESTON) Glenn R Smart

REASON FOR SUBMISSION: [0] A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 0058 OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A										GROUP T	
	Ammonia	00610		Hardness	00900		Residue, Settleable	50086			Bromoform	32104
	Chemical Oxygen Demand	00340		Iron	01045		Residue, Volatile	00505			Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625		Lead	01051		Silica	00955			Carbon Tetrachloride	32102
	Nitrate	00620		Magnesium	00927		Specific Conductance	00095			Chloroform	32106
	Nitrite	00615		Manganese	01055		Sulfate	00945			Chloromethane	34418
X	Oil & Grease	00560		Mercury	71900		Sulfite	00740			Dibromochloromethane	32105
X	Organic Carbon	00680		Nickel	01067		Surfactants -MBAS	38260			Methylene Chloride	34423
	Orthophosphate	00671		Potassium	00937		Turbidity	00076			Tetrachloroethylene	34475
	Phosphorus, Total	00665		Selenium	01147						1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGEN			Silver	01077						Trichloroethylene	39180
	GROUP D			Sodium	00929		GROUP H				Trihalomethanes	82080
X	Cyanide, Total	00720		Thallium	01059		BHC Isomers	39340			PCBs	39516
	Cyanide, Free	00722		Zinc	01092		Chlordane	39350				
			X	SEE ATTACHMENT			DDT Isomers	39370				
	GROUP E			GROUP G			Dieldrin	39380				
X	Phenols	32730		Acidity, Total	70508		Endrin	39390				
				Alkalinity, Total	00410		Heptachlor	39410				
	GROUP F			Alkalinity, Bicarbonate	00425		Heptachlor Epoxide	39420				
	Antimony	01097		Bromide	71870		Lindane	39782				
	Arsenic	01002		Carbon Dioxide	00405		Methoxychlor	39480				
	Barium	01007		Chloride	00940		Toxaphene	39400				
	Beryllium	01012		Color	00080		2,4-D	39730			ON SITE ANALYSES	
	Boron	01022		Fluoride	00951		2,4,5-TP-Silvex	39760			Parameter	Value
	Cadmium	01027		Iodide	71865		2,4,5-T	39740			Flow — 50050	— mgd
	Calcium	00916		Odor	00086	X	SEE ATTACHMENT				Chlorine, Total 50060	mg/l
	Chromium, Total	01034		Residue, Total	00500						Dissolved Oxygen 00300	mg/l
	Chromium VI	01032		Residue, Filterable (TDS)	70300						pH 00400	11.2 units
	Copper	01042		Residue, Nonfilterable	00530		GROUP J				Temperature 00010	90 °C
							Sulfides	00745			CONDUCT.	220 µmho

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 WA 067

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-9

DATE COLLECTION BEGAN (YYMMDD): 850130

TIME COLLECTION BEGAN (24 hour clock): 1330

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if different):
ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801
COPY 2:

GLENN E SMART (ROY F. WESTON INC.) — Glenn E Smart

REASON FOR SUBMISSION: 10
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 0059

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane	34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGENS		Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
X	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722	X	SEE ATTACHMENT		DDT Isomers	39370			
						Dieldrin	39380			
	GROUP E		GROUP G			Endrin	39390			
X	Phenols	32730	Acidity, Total	70508		Heptachlor	39410			
			Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097	Bromide	71870		Methoxychlor	39480			
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027	Iodide	71865	X	SEE ATTACHMENT			Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500					pH 00400	7.4 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	4.0 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		CONDUCT.	28 Mmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 N A 0 6 8

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-10

DATE COLLECTION BEGAN (YY MM DD): 8 5 0 3 2 1

TIME COLLECTION BEGAN (24 hour clock): 1000

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check 1): ORIGINAL — USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235
COPY 1 — 0457 — LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801
COPY 2

GLENN R SMART (ROY F. WESTON) — Glenn R Smart

INVESTIGATION OR SUPERVISION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 8 S GN 0061 — OEHL FD: —

ANALYSIS REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP T
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097		Acidity, Total 70508		BHC Isomers 39340		Sulfides 00745		Bromoform 32104
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410		Chlordane 39350				Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425		DDT Isomers 39370				Carbon Tetrachloride 32102
	Nitrate 00620						Beryllium 01012		Bromide 71870		Dieldrin 39380				Chloroform 32106
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405		Endrin 39390				Chloromethane 34418
X	Oil & Grease 00560						Cadmium 01027		Chloride 00940		Heptachlor 39410				Dibromochloromethane 32105
X	Organic Carbon 00680						Calcium 00916		Color 00080		Heptachlor Epoxide 39420				Methylene Chloride 34423
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951		Lindane 39782				Tetrachloroethylene 34475
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865		Methoxychlor 39480				1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGENS						Copper 01042		Odor 00086		Toxaphene 39400				Trichloroethylene 39180
									Residue, Total 00500		2,4-D 39730				Trihalomethanes 82080
									Residue, Filterable (TDS) 70300		2,4,5-TP-Silvex 39760				PCBs 39516
									Residue, Nonfilterable 00530		2,4,5-T 39740				

ON SITE ANALYSES

Parameter		Value	
Flow	50050	--	mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300	--	mg/l
pH	00400	8.4	units
Temperature	00010	50	°C
CONDUCT.		8.0	µ

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NH 0069

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: RFW 11

DATE COLLECTION BEGAN: 18 5 01 3 12 1

TIME COLLECTION BEGAN (24 hour clock): 1450

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL: USAF OEHL/SA, BLDG 140, Brook's AFB, TX 78235

COPY 1: 0157 LT. McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2:

SAMPLED BY (NAME) GLENN R. SMART (ROY F. WESTON INC.)

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 0062 OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F		GROUP G
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097		Acidity, Total 70508
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002		Alkalinity, Total 00410
	Kjeldahl Nitrogen 00625						Barium 01007		Alkalinity, Bicarbonate 00425
	Nitrate 00620						Beryllium 01012		Bromide 71870
	Nitrite 00615						Boron 01022		Carbon Dioxide 00405
V	Oil & Grease 00560						Cadmium 01027		Chloride 00940
V	Organic Carbon 00680						Calcium 00916		Color 00080
	Orthophosphate 00671						Chromium, Total 01034		Fluoride 00951
	Phosphorus, Total 00665						Chromium VI 01032		Iodide 71865
V	TOTAL ORGANIC HAL.						Copper 01042		Odor 00086
									Residue, Total 00500
									Residue, Filterable (TDS) 70300
									Residue, Nonfilterable 00530

Hardness 00900	Residue, Settleable 50086	GROUP T	
Iron 01045	Residue, Volatile 00505	Bromoform 32104	
Lead 01051	Silica 00955	Bromodichloromethane 32101	
Magnesium 00927	Specific Conductance 00095	Carbon Tetrachloride 32102	
Manganese 01055	Sulfate 00945	Chloroform 32106	
Mercury 71900	Sulfite 00740	Chloromethane 34418	
Nickel 01067	Surfactants -MBAS 38260	Dibromochloromethane 32105	
Potassium 00937	Turbidity 00076	Methylene Chloride 34423	
Selenium 01147		Tetrachloroethylene 34475	
Silver 01077		1,1,1-Trichloroethane 34506	
Sodium 00929	GROUP H	Trichloroethylene 39180	
Thallium 01059	BHC Isomers 39340	Trihalomethanes 82080	
Zinc 01092	Chlordane 39350	PCBs 39516	
	DDT Isomers 39370		
	Dieldrin 39380		
	Endrin 39390		
	Heptachlor 39410		
	Heptachlor Epoxide 39420		
	Lindane 39782		
	Methoxychlor 39480		
	Toxaphene 39400		
	2,4-D 39730		
	2,4,5-TP-Silvex 39760		
	2,4,5-T 39740		
	GROUP J		
	Sulfides 00745		

ON SITE ANALYSES

Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
[illegible] 00300	
pH 00400	7. units
Temperature 00010	8.6 °C
CONDUCT.	130 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NH 1070

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: RFW - 1B

DATE COLLECTION BEGAN (YYMMDD): 851013

TIME COLLECTION BEGAN (24 hour clock): 1419

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS — ORIGINAL → USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

— COPY 1 → 0457 → HT McCOY USAF HOSP PEASE/SEPB PEASE AFB, NH 03801

GLENN R. SMART (ROY F. WESTON INC.) Glenn R. Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN85006 3 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP C		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
V Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
V Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
V TOTAL ORGANIC HALOGEN		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730		
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760		
Cadmium	01027	Iodide	71865	2,4,5-T	39740		
Calcium	00916	Odor	00086				
Chromium, Total	01034	Residue, Filterable	70300				
Cobalt	01032	Residue, Filterable (TDS)	00530	GROUP J			
Copper	01042	Residue, Nonfilterable	00745	Sulfides			

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved O	00300	
pH	00400	
Temperature	00010	9.0 °C
CONDUC.		360 µm

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 071

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: RFW 13

DATE COLLECTION BEGAN (YYMMDD): 18 5 0 13 2 1

TIME COLLECTION BEGAN (24 hour clock): 1349

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check 1): ORIGINAL — USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1 — 0157 — LT McCOY USAF HOSP PEASE/SEPB PEASE AFB, NH 03801

COPY 2

GLENN R. SMART CROY E. WESTON Glenn R Smart

REASON FOR SUBMISSION: D — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP D-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0064 — OEHL PD

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness 00900		Residue, Settleable 50056		GROUP T
	Ammonia 00610		Iron 01045		Residue, Volatile 00505		Bromoform 32104
	Chemical Oxygen Demand 00340		Lead 01051		Silica 00955		Bromodichloromethane 32101
	Ejeldahl Nitrogen 00625		Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Nitrate 00620		Manganese 01055		Sulfate 00945		Chloroform 32106
	Nitrite 00615		Mercury 71900		Sulfite 00740		Chloromethane 34418
X	Oil & Grease 00560		Nickel 01067		Surfactants -MBAS 38260		Dibromochloromethane 32105
X	Organic Carbon 00680		Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Orthophosphate 00671		Selenium 01147				Tetrachloroethylene 34475
	Phosphorus, Total 00665		Silver 01077				1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Sodium 00929		GROUP H		Trichloroethylene 39180
	GROUP D		Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Cyanide, Total 00720		Zinc 01092		Chlordane 39350		PCBs 39516
	Cyanide, Free 00722				DDT Isomers 39370		
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
	Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050 — mgd
	Cadmium 01027		Iodide 71865				Chlorine, Total 50060 — mg/l
	Calcium 00916		Odor 00086				
	Chromium, Total 01034		Residue, Total 00500				pH 00400 — S.U.
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 — 9.0 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		CONDUCT. — 90 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 072

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: RFW-14

DATE COLLECTION BEGAN (YYMMDD): 810213

TIME COLLECTION BEGAN (24 hour clock): 1314

COLLECTION METHOD: [x] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0157 — Lt. McCoy, USAF HOSP PEASE/SEPB PEASE AFB, NH 03801

COPY 2:

GLENN R. SMART (ROY F. WESTON INC.) Glenn R Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 10065 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

GROUP A						GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
[X] Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
[X] Organic Carbon	00680	Nickel	01067	Surfactants - MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
[X] TOTAL ORGANIC HALOGENS		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter	Value
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow 50050	mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	
Chromium VI	01032	Residue, Filterable (TDS)	70300			pH 00400	6.5 units
Copper	01042	Residue, Nonfilterable	00530	GROUP J		Temperature 00010	8.0 °C
				Sulfides	00745	conduct.	60 µ

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 NH 0 7 3

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-15

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 3 2 1

TIME COLLECTION BEGAN (24 hour clock): 1030

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY-1: 0 1 5 7 — LT McCOY, USC HOSP PEASE/SEPB, Pease AFB, NH 03801

GLENN R SMART (ROY F WESTON) — Glenn R Smart

REASON FOR SUBMISSION: 6 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G W 8 5 0 0 6 6 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

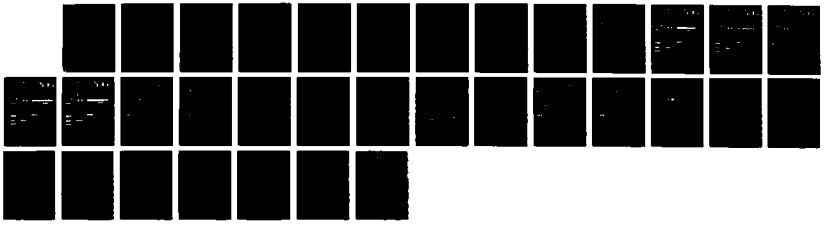
	GROUP A								GROUP T
	Ammonia	00610	Hardness	00900		Residue, Settleable	50086		Bromoform 32104
	Chemical Oxygen Demand	00340	Iron	01045		Residue, Volatile	00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Lead	01051		Silica	00955		Carbon Tetrachloride 32102
	Nitrate	00620	Magnesium	00927		Specific Conductance	00095		Chloroform 32106
	Nitrite	00615	Manganese	01055		Sulfate	00945		Chloromethane 34418
X	Oil & Grease	00560	Mercury	71900		Sulfite	00740		Dibromochloromethane 32105
X	Organic Carbon	00680	Nickel	01067		Surfactants - MBAS	38260		Methylene Chloride 34423
	Orthophosphate	00671	Potassium	00937		Turbidity	00076		Tetrachloroethylene 34475
	Phosphorus, Total	00665	Selenium	01147					1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Silver	01077					Trichloroethylene 39180
	GROUP D		Sodium	00929		GROUP H			Trihalomethanes 82080
	Cyanide, Total	00720	Thallium	01059		BHC Isomers	39340		PCBs 39516
	Cyanide, Free	00722	Zinc	01092		Chlordane	39350		
						DDT Isomers	39370		
	GROUP E		GROUP G			Dieldrin	39380		
	Phenols	32730	Acidity, Total	70508		Endrin	39390		
			Alkalinity, Total	00410		Heptachlor	39410		
	GROUP F		Alkalinity, Bicarbonate	00425		Heptachlor Epoxide	39420		
	Antimony	01097	Bromide	71870		Lindane	39782		
	Arsenic	01002	Carbon Dioxide	00405		Methoxychlor	39480		
	Barium	01007	Chloride	00940		Toxaphene	39400		
	Beryllium	01012	Color	00080		2,4-D	39730		ON SITE ANALYSES
	Boron	01022	Fluoride	00951		2,4,5-TP Silvex	39760	Parameter	Value
	Cadmium	01027	Iodide	71865		2,4,5-T	39740	Flow — 50050	— mgd
	Calcium	00916	Odor	00086				Chlorine, Total 50060	mg/l
	Chromium, Total	01034	Residue, Total	00500				[illegible] 00300	
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		pH 00400	6.7
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	Temperature 00010	7.0 °C
								Conduct	80 µmhos

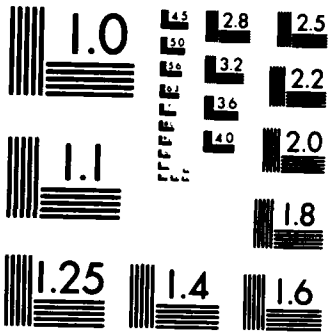
COMMENTS

AF FORM JAN 81 2752

AD-A184 043 INSTALLATION RESTORATION PROGRAM PHASE 2 CONFIRMATION/QUANTIFICATION STAG..(U) WESTON (ROY F) INC WEST CHESTER PA R L KRAYBILL ET AL. AUG 87 10/10

UNCLASSIFIED F33615-84-D-4400 F/G 24/4 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 NA 0 7 4

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 6, SITE 11, RFW-16

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 4 0 3

TIME COLLECTION BEGAN (24 hour clock): 1027

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (name if): ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0 1 5 7 - Lt. McCoy, USAF HOSP PEASE/SEPB, PEASE AFB NH 03801

COPY 2:

GLENN R SMART (Roy F Weston Inc.)

SUPERVISION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

PEASE SAMPLE NUMBER: G W 8 5 0 4 0 7

SAMPLE TYPE:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T
	Ammonia 00610		Iron 01045		Residue, Volatile 00505		Bromoform 32104
	Chemical Oxygen Demand 00340		Lead 01051		Silica 00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Nitrate 00620		Manganese 01055		Sulfate 00945		Chloroform 32106
	Nitrite 00615		Mercury 71900		Sulfite 00740		Chloromethane 34418
X	Oil & Grease 00560		Nickel 01067		Surfactants -MBAS 38260		Dibromochloromethane 32105
X	Organic Carbon 00680		Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Orthophosphate 00671		Selenium 01147				Tetrachloroethylene 34475
	Phosphorus, Total 00665		Silver 01077				1,1,1-Trichloroethane 34506
X	Total Organic HALOGEN		Sodium 00929		GROUP H		Trichloroethylene 39180
	GROUP D		Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Cyanide, Total 00720		Zinc 01092		Chlordane 39350		PCBs 39516
	Cyanide, Free 00722				DDT Isomers 39370		
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
	Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760	Parameter	Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740	Flow 50050	-- gpd
	Cadmium 01027		Iodide 71865			Chlorine, Total 50060	mg/l
	Calcium 00916		Odor 00086			Dissolved Oxygen 00300	mg/l
	Chromium, Total 01034		Residue, Total 00500			pH 00400	5.8 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J	Temperature 00010	6.0 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745	CONDUCT.	25 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157NA075

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 6, SITE 14, RFW-17

DATE COLLECTION BEGAN (YYMMDD): 850403

TIME COLLECTION BEGAN (24 hour clock): 0954

COLLECTION METHOD: [x] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO: ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235
COPY 4 0157: LT McCOY USAF HOSP PEASE/SEPB PEASE AFB, NH 03801
COPY 2:

GLENN R SWANN (ROY F. WESTON INC.) [signature]

SUPPRESSION: 0 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC — C-COMPLAINT N-NPDES — F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN85C06F

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		GROUP B		GROUP C		GROUP T	
Ammonia	00610	Hardness	00900	Residue, Settleable	50086	Bromoform	32104
Chemical Oxygen Demand	00340	Iron	01045	Residue, Volatile	00505	Bromodichloromethane	32101
Ejeldahl Nitrogen	00625	Lead	01051	Silica	00955	Carbon Tetrachloride	32102
Nitrate	00620	Magnesium	00927	Specific Conductance	00095	Chloroform	32106
Nitrite	00615	Manganese	01055	Sulfate	00945	Chloromethane	34418
X Oil & Grease	00560	Mercury	71900	Sulfite	00740	Dibromochloromethane	32105
Organic Carbon	00680	Nickel	01067	Surfactants -MBAS	38260	Methylene Chloride	34423
Orthophosphate	00671	Potassium	00937	Turbidity	00076	Tetrachloroethylene	34475
Phosphorus, Total	00665	Selenium	01147			1,1,1-Trichloroethane	34506
		Silver	01077			Trichloroethylene	39180
GROUP D		Sodium	00929	GROUP H		Trihalomethanes	82080
Cyanide, Total	00720	Thallium	01059	BHC Isomers	39340	PCBs	39516
Cyanide, Free	00722	Zinc	01092	Chlordane	39350		
				DDT Isomers	39370		
GROUP E		GROUP G		Dieldrin	39380		
Phenols	32730	Acidity, Total	70508	Endrin	39390		
		Alkalinity, Total	00410	Heptachlor	39410		
GROUP F		Alkalinity, Bicarbonate	00425	Heptachlor Epoxide	39420		
Antimony	01097	Bromide	71870	Lindane	39782		
Arsenic	01002	Carbon Dioxide	00405	Methoxychlor	39480		
Barium	01007	Chloride	00940	Toxaphene	39400		
Beryllium	01012	Color	00080	2,4-D	39730	ON SITE ANALYSES	
Boron	01022	Fluoride	00951	2,4,5-TP-Silvex	39760	Parameter / Value	
Cadmium	01027	Iodide	71865	2,4,5-T	39740	Flow 50050	mgd
Calcium	00916	Odor	00086			Chlorine, Total 50060	mg/l
Chromium, Total	01034	Residue, Total	00500			Dissolved Oxygen 00300	mg/l
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		pH 00400	7.0 units
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	Temperature 00010	6.0 °C
						CONDUCT.	40 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 076

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 3, SITE 15, RFW-18

DATE COLLECTION BEGAN (YYMMDD): 850104

TIME COLLECTION BEGAN (24 hour clock): 0934

COLLECTION METHOD: [x] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL; COPY 1: 04 57 - USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235; COPY 2: LT. McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

GLENN P. SWART (ROY F. WESTON INC.)

SAMPLE TYPE: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN85C69

OEHL PDN: —

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T
	Ammonia 00610		Iron 01045		Residue, Volatile 00505		Bromoform 32104
	Chemical Oxygen Demand 00340		Lead 01051		Silica 00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Nitrate 00620		Manganese 01055		Sulfate 00945		Chloroform 32106
	Nitrite 00615		Mercury 71900		Sulfite 00740		Chloromethane 34418
X	Oil & Grease 00560		Nickel 01067		Surfactants -MBAS 38260		Dibromochloromethane 32105
X	Organic Carbon 00680		Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Orthophosphate 00671		Selenium 01147				Tetrachloroethylene 34475
	Phosphorus, Total 00665		Silver 01077				1,1,1-Trichloroethane 34506
X	Total Organic Halogen		Sodium 00929		GROUP H		Trichloroethylene 39180
	GROUP D		Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Cyanide, Total 00720		Zinc 01092		Chlordane 39350		PCBs 39516
	Cyanide, Free 00722	X	Metals - See Attachment B		DDT Isomers 39370	X	VOC - See Attachment C
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
	Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050 — gpd
	Cadmium 01027		Iodide 71865				Chlorine, Total 50060 — mg/l
	Calcium 00916		Odor 00086				Dissolved Oxygen 00300 — mg/l
	Chromium, Total 01034		Residue, Total 00500				pH 00400 — 7.0 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 — 8.0 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		(Conduct.) 230 mhos/cm

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 0772

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 3, SITE 15, RFW-19

DATE COLLECTION BEGAN (YYMMDD): 840613

TIME COLLECTION BEGAN (24 hour clock): 1425

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS — 30 — (circle 1)
ORIGINAL: HQ USAF OEH2/SA, BLDG 140 Brooks AFB, TX 78235
COPY 1: 0157 — LT. McCOY, USAF HOSP PEASE/SEPB PEASE AFB NH 03801
COPY 2:

GLENN R. SHAFFER (Roy F. Weston Inc.) Glenn R. Shaffer

SUBMISSION: 0
A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: 6N85007O

DEHL FD

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A								GROUP T	
	Ammonia	00610		Hardness	00900		Residue, Settleable	50086		
	Chemical Oxygen Demand	00340		Iron	01045		Residue, Volatile	00505	Bromoform	32104
	Ejeldahl Nitrogen	00625		Lead	01051		Silica	00955	Bromodichloromethane	32101
	Nitrate	00620		Magnesium	00927		Specific Conductance	00095	Carbon Tetrachloride	32102
	Nitrite	00615		Manganese	01055		Sulfate	00945	Chloroform	32106
	Oil & Grease	00560		Mercury	71900		Sulfite	00740	Chloromethane	34418
X	Organic Carbon	00680		Nickel	01067		Surfactants -MBAS	38260	Dibromochloromethane	32105
	Orthophosphate	00671		Potassium	00937		Turbidity	00076	Methylene Chloride	34423
	Phosphorus, Total	00665		Selenium	01147				Tetrachloroethylene	34475
X	Total Organic Halogen			Silver	01077				1,1,1-Trichloroethane	34506
	GROUP D			Sodium	00929		GROUP H		Trichloroethylene	39180
	Cyanide, Total	00720		Thallium	01059		BHC Isomers	39340	Trihalomethanes	82080
	Cyanide, Free	00722		Zinc	01092		Chlordane	39350	PCBs	39516
			X	Metals - See Attachment b			DDT Isomers	39370	X VOC - See Attachment c	
	GROUP E			GROUP G			Dieldrin	39380		
	Phenols	32730		Acidity, Total	70508		Endrin	39390		
				Alkalinity, Total	00410		Heptachlor	39410		
	GROUP F			Alkalinity, Bicarbonate	00425		Heptachlor Epoxide	39420		
	Antimony	01097		Bromide	71870		Lindane	39782		
	Arsenic	01002		Carbon Dioxide	00405		Methoxychlor	39480		
	Barium	01007		Chloride	00940		Toxaphene	39400		
	Beryllium	01012		Color	00080		2,4-D	39730	ON SITE ANALYSES	
	Boron	01022		Fluoride	00951		2,4,5-TP-Silvex	39760	Parameter	Value
	Cadmium	01027		Iodide	71865		2,4,5-T	39740	Flow 50050	mgd
	Calcium	00916		Odor	00086				Chlorine, Total 50060	mg/l
	Chromium, Total	01034		Residue, Total	00500				Dissolved Oxygen 00300	mg/l
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J		pH 00400	6.4 units
	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745	Temperature 00010	7.6 °C
									CONDUCT	Hg -4 µ 1/L

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157-NA-078

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 3, SITE 15, RFW-2C

DATE COLLECTION BEGAN (YYMMDD): 851014

TIME COLLECTION BEGAN (24 hour clock): 1515

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO — ORIGINAL: USAF CEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0157 - HQ MCCE/USAF HOSP/PEM-1/SEPB PEASE AFB, NH 03801

COPY 2:

GLENN R. SHAFT (ROY F. WESTON INC.) Glenn R Shaft

SAMPLE TYPE: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOW UP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN85CC71 DEHL P.D.

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50086			GROUP T	
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform		32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane		32101
	Ejeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride		32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform		32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane		34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane		32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride		34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene		34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane		34506
X	TOX / ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene		39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes		82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs		39516
	Cyanide, Free	00722	X Metals - See Attachment 1			DDT Isomers	39370	X	VOC - See Attachment 2		
						Dieldrin	39380				
	GROUP E		GROUP G			Endrin	39390				
X	Phenols	32730	Acidity, Total	70508		Heptachlor	39410				
			Alkalinity, Total	00410		Heptachlor Epoxide	39420				
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782				
	Antimony	01097	Bromide	71870		Methoxychlor	39480				
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400				
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES		
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760		Parameter		Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740		Flow	50050	mgd
	Cadmium	01027	Iodide	71865					Chlorine, Total	50060	mg/l
	Calcium	00916	Odor	00086					Dissolved Oxygen	00300	mg/l
	Chromium, Total	01034	Residue, Total	00500					pH	00400	units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J			Temperature	00010	°C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745		Condva.		mmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 W A 0 7 9

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RTW-21

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 3 2 2

TIME COLLECTION BEGAN (24 hour clock): 1350

COLLECTION METHOD: ☒ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1 entry): ORIGINAL — USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1 — 0 1 5 7 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2 —

GLENN R SMART (ROY F. WESTON) — Glenn R Smart

REASON FOR SUBMISSION: 3 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G N 8 5 0 0 7 3 — OEHL PID: —

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
X	TOTAL HALOGENS		Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092		Chlordane 39350		
			SEE ATTACHMENT		DDT Isomers 39370	X	SEE ATTACHMENT
	GROUP E		GROUP G		Dieldrin 39380		
X	Phenols 32730		Acidity, Total 70508		Endrin 39390		
			Alkalinity, Total 00410		Heptachlor 39410		
	GROUP F		Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Antimony 01097		Bromide 71870		Lindane 39782		
	Arsenic 01002		Carbon Dioxide 00405		Methoxychlor 39480		
	Barium 01007		Chloride 00940		Toxaphene 39400		
	Beryllium 01012		Color 00080		2,4-D 39730		ON SITE ANALYSES
	Boron 01022		Fluoride 00951		2,4,5-TP Silvex 39760		Parameter / Value
	Cadmium 01027		Iodide 71865		2,4,5-T 39740		Flow 50050 — GPM
	Calcium 00916		Iron 00950		[illegible]		Chlorine, Total 50060 — mg/l
	Chromium, Total 01034		Residue, Total 00500				pH 00400 — 7.5 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 — 10 C °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		CONDUCT 140 .4 µmhos/cm

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 01 57 NA 0074

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-22

DATE COLLECTION BEGAN (YY MM DD): 85 01 22

TIME COLLECTION BEGAN (24 hour clock): 1120

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if desired)
- ORIGINAL: USAF OEH2/SA, BLDG 140, Brooks AFB, TX 78235
- COPY 1: 0157 - Lt. McCoy, USAF HOSP PEASE/SEPB, Pease AFB, NH 03801
- COPY 2:

GLENN R SMART (ROY F. WESTON INC.) Glenn R Smart

REASON FOR SUBMISSION: D — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 0080

OEHL PID: —

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B			GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086	Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505	Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955	Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095	Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945	Chloromethane 34418
Y	Oil & Grease 00560		Mercury 71900		Sulfite 00740	Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260	Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076	Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147			1,1,1-Trichloroethane 34506
X	TOTAL CHLORINE ANALYSIS		Silver 01077			Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H	Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340	PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092		Chlordane 39350	
		X	SEE ATTACHMENT #3		DDT Isomers 39370	X SEE ATTACHMENT #3
					Dieldrin 39380	
	GROUP E		GROUP G		Endrin 39390	
	Phenols 32730		Acidity, Total 70508		Heptachlor 39410	
			Alkalinity, Total 00410		Heptachlor Epoxide 39420	
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782	
	Antimony 01097		Bromide 71870		Methoxychlor 39480	
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400	
	Barium 01007		Chloride 00940		2,4-D 39730	ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760	Parameter / Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740	Flow 50050 — mgd
	Cadmium 01027		Iodide 71865			Chlorine, Total 50060 — mg/l
	Chromium, Total 01034		Residue, Total 00500			pH — 7.6 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J	Temperature 00010 — 4.0 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745	Conductivity — 18 mmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 0831

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW 23

DATE COLLECTION BEGAN (YYMMDD): 850312

TIME COLLECTION BEGAN (24 hour clock): 1356

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL — USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1 — 0157 — LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2

GLENN R SMART (ROY F. WESTON INC) Glenn R Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: WW85 0075 — OEHL PID

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP D			GROUP E			GROUP F			GROUP T
	Ammonia 00610			Cyanide, Total 00720			Phenols 32730			Antimony 01097			Bromoform 32104
	Chemical Oxygen Demand 00340			Cyanide, Free 00722	X	SEE ATTACHMENT				Arsenic 01002			Bromodichloromethane 32101
	Ejeldahl Nitrogen 00625						GROUP G			Barium 01007			Carbon Tetrachloride 32102
	Nitrate 00620			GROUP H			Acidity, Total 70508			Beryllium 01012			Chloroform 32106
	Nitrite 00615			BHC Isomers 39340			Alkalinity, Total 00410			Boron 01022			Chloromethane 34418
	Oil & Grease 00560			Chlordane 39350			Alkalinity, Bicarbonate 00425			Cadmium 01027			Dibromochloromethane 32105
	Organic Carbon 00680			DDT Isomers 39370	X	SEE ATTACHMENT	Bromide 71870			Chromium, Total 01034			Methylene Chloride 34423
	Orthophosphate 00671			Dieldrin 39380			Carbon Dioxide 00405			Chromium VI 01032			Tetrachloroethylene 34475
	Phosphorus, Total 00665			Endrin 39390			Chloride 00940			Copper 01042			1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN			Heptachlor 39410			Color 00081			Residue, Total 00500			Trichloroethylene 39180
				Heptachlor Epoxide 39420			Fluoride 00951			Residue, Filterable (TDS) 70300			Trihalomethanes 82080
				Lindane 39782			Iodide 71865			Residue, Nonfilterable 00530			PCBs 39516
				Methoxychlor 39480									
				Toxaphene 39400									
				2,4-D 39730									
				2,4,5-TP-Silvex 39760									
				2,4,5-T 39740									

	GROUP J	
	Sulfides 00745	

ON SITE ANALYSES

Parameter		Value	
Flow	50050	-	mgd
Chlorine, Total	50060		mg/L
pH	00400		units
Temperature	00010	1.0	°C
CONDUCT.		160	µmhos/cm

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 082

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW - 24

DATE COLLECTION BEGAN (YYMMDD): 850314

TIME COLLECTION BEGAN (24 hour clock): 1147

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (cc if assigned):
- ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX
- COPY 1: 0157 LT. McCoy, USAF Hosp Pease/SGPB, Pease AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SWIFT (ROY F. WESTON INC.)

SIGNATURE: [signature]

AUTOVON:

REASON FOR SUBMISSION: 0

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: CH 85 0075

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A			Hardness	00900		Residue, Settleable	50086		GROUP T		
	Ammonia	00610		Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340		Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625		Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620		Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615		Mercury	71900		Sulfite	00740		Chloromethane	34418
	Oil & Grease	00560		Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane	32105
	Organic Carbon	00680		Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671		Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665		Silver	01077					1,1,1-Trichloroethane	34506
	TOTAL ORGANIC HALOGENS			Sodium	00929		GROUP H			Trichloroethylene	39180
GROUP D				Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720		Zinc	01092		Chlordane	39350		PCBs	39516
X	Cyanide, Free	00722	X	SEE ATTACHMENT			DDT Isomers	39370	X	SEE ATTACHMENT	
							Dieldrin	39380			
GROUP E			GROUP G				Endrin	39390			
	Phenols	32730		Acidity, Total	70508		Heptachlor	39410			
				Alkalinity, Total	00410		Heptachlor Epoxide	39420			
GROUP F				Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097		Bromide	71870		Methoxychlor	39480			
	Arsenic	01002		Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007		Chloride	00940		2,4-D	39730			
	Beryllium	01012		Color	00080		2,4,5-TP-Silvex	39760			
	Boron	01022		Fluoride	00951		2,4,5-T	39740			
	Cadmium	01027		Iodide	71865						
	Calcium	00916		Odor	00086						
	Chromium, Total	01034		Residue, Total	00500						
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J				
	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745			

ON SITE ANALYSES

Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	7.9 units
Temperature	00010	9.0 °C
CONDUCT.		140 umhos

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 083

BASE WHERE SAMPLE COLLECTED: ~~RFW-25~~ PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-25

DATE COLLECTION BEGAN (YYMMDD): 18 5 0 1 3 1 2 6

TIME COLLECTION BEGAN (24 hour clock): 1113

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB TX 78235
- COPY 1: 0157 LT. McCOY, USAF HOSP PEASE SGPB, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: G

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify): IRP PHASE II

BASE SAMPLE NUMBER: GN 85 0077

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610		Cyanide, Total 00720		Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002
	Kjeldahl Nitrogen 00625						Barium 01007
	Nitrate 00620						Beryllium 01012
	Nitrite 00615						Boron 01022
X	Oil & Grease 00560						Cadmium 01027
	Organic Carbon 00680						Calcium 00916
	Orthophosphate 00671						Chromium, Total 01034
	Phosphorus, Total 00665						Chromium VI 01032
							Copper 01042

	Hardness 00900		Residue, Settleable 50086		GROUP T
	Iron 01045		Residue, Volatile 00505		Bromoform 32104
X	Lead 01051		Silica 00955		Bromodichloromethane 32101
	Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Manganese 01055		Sulfate 00945		Chloroform 32106
	Mercury 71900		Sulfite 00740		Chloromethane 34418
	Nickel 01067		Surfactants -MBAS 38260		Dibromochloromethane 32105
	Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Selenium 01147				Tetrachloroethylene 34475
	Silver 01077				1,1,1-Trichloroethane 34506
	Sodium 00929		GROUP H		Trichloroethylene 39180
	Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Zinc 01092		Chlordane 39350		PCBs 39516
			DDT Isomers 39370		
	GROUP G		Dieldrin 39380		
	Acidity, Total 70508		Endrin 39390		
	Alkalinity, Total 00410		Heptachlor 39410		
	Alkalinity, Bicarbonate 00425		Heptachlor Epoxide 39420		
	Bromide 71870		Lindane 39782		
	Carbon Dioxide 00405		Methoxychlor 39480		
	Chloride 00940		Toxaphene 39400		
	Color 00080		2,4-D 39730		ON SITE ANALYSES
	Fluoride 00951		2,4,5-TP-Silvex 39760		Parameter / Value
	Iodide 71865		2,4,5-T 39740		Flow 50050 _____ mgd
	Odor 00086				Chlorine, Total 50060 _____ mg/l
	Residue, Total 00500				Dissolved Oxygen 00300 _____ mg/l
	Residue, Filterable (TDS) 70300		GROUP J		pH 00400 6.5 units
	Residue, Nonfilterable 00530		Sulfides 00745		Temperature 00010 10 °C
					Conduct. 110 µ mhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEFL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 084

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-26

DATE COLLECTION BEGAN (YYMMDD): 861026

TIME COLLECTION BEGAN (24 hour clock): 1000

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX 78235
COPY 1: 0157 Lt. McRoy, USAF HOSP PEASE/SGPB, PEASE AFB, NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SHARP (ROY F. WESTON INC.)

SIGNATURE: Glenn R. Sharp

AUTOVON:

REASON FOR SUBMISSION: O
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: SN 85 00078

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A								GROUP T	
	Ammonia	00610		Hardness	00900		Residue, Settleable	50086		
	Chemical Oxygen Demand	00340	X	Iron	01045		Residue, Volatile	00505	Bromoform	32104
	Kjeldahl Nitrogen	00625		Lead	01051		Silica	00955	Bromodichloromethane	32101
	Nitrate	00620		Magnesium	00927		Specific Conductance	00095	Carbon Tetrachloride	32102
	Nitrite	00615		Manganese	01055		Sulfate	00945	Chloroform	32106
X	Oil & Grease	00560		Mercury	71900		Sulfite	00740	Chloromethane	34418
	Organic Carbon	00680		Nickel	01067		Surfactants -MBAS	38260	Dibromochloromethane	32105
	Orthophosphate	00671		Potassium	00937		Turbidity	00076	Methylene Chloride	34423
	Phosphorus, Total	00665		Selenium	01147				Tetrachloroethylene	34475
				Silver	01077				1,1,1-Trichloroethane	34506
	GROUP D			Sodium	00929		GROUP H		Trichloroethylene	39180
	Cyanide, Total	00720		Thallium	01059		BHC Isomers	39340	Trihalomethanes	82080
	Cyanide, Free	00722		Zinc	01092		Chlordane	39350	PCBs	39516
							DDT Isomers	39370		
	GROUP E			GROUP G			Dieldrin	39380		
	Phenols	32730		Acidity, Total	70508		Endrin	39390		
				Alkalinity, Total	00410		Heptachlor	39410		
	GROUP F			Alkalinity, Bicarbonate	00425		Heptachlor Epoxide	39420		
	Antimony	01097		Bromide	71870		Lindane	39782		
	Arsenic	01002		Carbon Dioxide	00405		Methoxychlor	39480		
	Barium	01007		Chloride	00940		Toxaphene	39400		
	Beryllium	01012		Color	00080		2,4-D	39730	ON SITE ANALYSES	
	Boron	01022		Fluoride	00951		2,4,5-TP-Silvex	39760	Parameter	Value
	Cadmium	01027		Iodide	71865		2,4,5-T	39740	Flow 50050	mgd
	Calcium	00916		Odor	00086				Chlorine, Total 50060	mg/l
	Chromium, Total	01034		Residue, Total	00500				Dissolved Oxygen 00300	mg/l
	Chromium VI	01032		Residue, Filterable (TDS)	70300				pH 00400	8.6 units
	Copper	01042		Residue, Nonfilterable	00530		GROUP J		Temperature 00010	8 °C
							Sulfides	00745	CONDUCT.	160 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 085

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-27

DATE COLLECTION BEGAN (YYMMDD): 860326

TIME COLLECTION BEGAN (24 hour clock): 1026

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB TX 78235
- COPY 1: 0157 Lt. McCoy, USAF HOSP PEASE/SGPR, PEASE AFB, NH
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: A

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) NDP PHASE II

BASE SAMPLE NUMBER: GN 85 00799

ANALYSES REQUESTED (check appropriate blocks)

GROUP A						GROUP T	
	Ammonia	00610		Hardness	00900		Bromoform	32104
	Chemical Oxygen Demand	00340	X	Lead	01051		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625		Magnesium	00927		Carbon Tetrachloride	32102
	Nitrate	00620		Manganese	01055		Chloroform	32106
	Nitrite	00615		Mercury	71900		Chloromethane	34418
X	Oil & Grease	00560		Nickel	01067		Dibromochloromethane	32105
	Organic Carbon	00680		Potassium	00937		Methylene Chloride	34423
	Orthophosphate	00671		Selenium	01147		Tetrachloroethylene	34475
	Phosphorus, Total	00665		Silver	01077		1,1,1-Trichloroethane	34506
				Sodium	00929		Trichloroethylene	39180
	GROUP D			Thallium	01059	GROUP H	Trihalomethanes	82080
	Cyanide, Total	00720		Zinc	01092		PCBs	39516
	Cyanide, Free	00722						
	GROUP E			GROUP G				
	Phenols	32730		Acidity, Total	70508			
				Alkalinity, Total	00410			
	GROUP F			Alkalinity, Bicarbonate	00425			
	Antimony	01097		Bromide	71870			
	Arsenic	01002		Carbon Dioxide	00405			
	Barium	01007		Chloride	00940			
	Beryllium	01012		Color	00080			
	Boron	01022		Fluoride	00951			
	Cadmium	01027		Iodide	71865			
	Calcium	00916		Odor	00086			
	Chromium, Total	01034		Residue, Total	00500			
	Chromium VI	01032		Residue, Filterable (TDS)	70300	GROUP J		
	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745

GROUP K			
	Residue, Settleable	50086	
	Residue, Volatile	00505	
	Silica	00955	
	Specific Conductance	00095	
	Sulfate	00945	
	Sulfite	00740	
	Surfactants -MBAS	38260	
	Turbidity	00076	

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	6.2 units
Temperature	00010	9 °C
CONDUCT.		80 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA - 086

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: REW-28

DATE COLLECTION BEGAN (YYMMDD): 850326

TIME COLLECTION BEGAN (24 hour clock): 1155

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
ORIGINAL: USAF OEHL/SA, BLDG 140, BROOKS AFB, TX 78235
COPY 1: 0157 LT. McCoy, USAH HOSP PEASE/SGPB, PEASE AFB NH
COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn Robert

AUTOVON:

REASON FOR SUBMISSION: C
A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 85 0080

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP D			GROUP E			GROUP F			GROUP G			GROUP H			GROUP J			GROUP T	
	Ammonia	00610		Cyanide, Total	00720		Phenols	32730		Antimony	01097		Hardness	00900		EDC Isomers	39340		Sulfides	00745		Bromoform	32104
	Chemical Oxygen Demand	00340		Cyanide, Free	00722					Arsenic	01002		Iron	01045		Chlordane	39350					Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625								Barium	01007		Lead	01051		DDT Isomers	39370					Carbon Tetrachloride	32102
	Nitrate	00620								Beryllium	01012		Magnesium	00927		Dieldrin	39380					Chloroform	32106
	Nitrite	00615								Boron	01022		Manganese	01055		Endrin	39390					Chloromethane	34418
X	Oil & Grease	00560								Cadmium	01027		Mercury	71900		Heptachlor	39410					Dibromochloromethane	32105
X	Organic Carbon	00680								Calcium	00916		Nickel	01067		Heptachlor Epoxide	39420					Methylene Chloride	34423
	Orthophosphate	00671								Chromium, Total	01034		Potassium	00937		Lindane	39782					Tetrachloroethylene	34475
	Phosphorus, Total	00665								Chromium VI	01032		Selenium	01147		Methoxychlor	39480					1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGENS									Copper	01042		Silver	01077		Toxaphene	39400					Trichloroethylene	39180
													Sodium	00929		2,4-D	39730					Trihalomethanes	82080
													Thallium	01059		2,4,5-TP-Silvex	39760					PCBs	39516
													Zinc	01092		2,4,5-T	39740						

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	8.2 units
Temperature	00010	10 °C
CONDUCT.		140 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

GENL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 087

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-29

DATE COLLECTION BEGAN (YYMMDD): 850126

TIME COLLECTION BEGAN (24 hour clock): 1526

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed)
- ORIGINAL: USAF OEHL/SA, BLDG 140 BROOKS AFB, TX 78235
- COPY 1: 0157 Lt. McCoy, USAF HOSP, PEASE/SGPB, PEASE AFB
- COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R SMART (ROY F. WESTON INC.)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 3 (A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify))

BASE SAMPLE NUMBER: GW 85 0091

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			GROUP D			GROUP E			GROUP F			GROUP G			GROUP H			GROUP J			GROUP T	
	Ammonia	00610		Hardness	00900		Residue, Settleable	50086		Residue, Volatile	00505		Silica	00955		Specific Conductance	00095		Sulfate	00945		Sulfite	00740
	Chemical Oxygen Demand	00340		Iron	01045		Residue, Volatile	00505		Silica	00955		Specific Conductance	00095		Sulfate	00945		Sulfite	00740		Surfactants -MBAS	38260
	Kjeldahl Nitrogen	00625		Lead	01051		Silica	00955		Specific Conductance	00095		Sulfate	00945		Sulfite	00740		Surfactants -MBAS	38260		Turbidity	00076
	Nitrate	00620		Magnesium	00927		Specific Conductance	00095		Sulfate	00945		Sulfite	00740		Surfactants -MBAS	38260		Turbidity	00076			
	Nitrite	00615		Manganese	01055		Sulfate	00945		Sulfite	00740		Surfactants -MBAS	38260		Turbidity	00076						
X	Oil & Grease	00560		Mercury	71900		Sulfite	00740		Surfactants -MBAS	38260		Turbidity	00076									
X	Organic Carbon	00680		Nickel	01067		Surfactants -MBAS	38260		Turbidity	00076												
	Orthophosphate	00671		Potassium	00937		Turbidity	00076															
	Phosphorus, Total	00665		Selenium	01147																		
X	TOTAL ORGANIC HALOGENS			Silver	01077																		
				Sodium	00929																		
				Thallium	01059																		
X	Cyanide, Total	00720		Zinc	01092																		
	Cyanide, Free	00722	X	SEE ATTACHMENT																			

	GROUP E			GROUP G			GROUP H			GROUP T	
X	Phenols	32730		Acidity, Total	70508		BHC Isomers	39340		Bromoform	32104
				Alkalinity, Total	00410		Chlordane	39350		Bromodichloromethane	32101
	GROUP F			Alkalinity, Bicarbonate	00425		DDT Isomers	39370		Carbon Tetrachloride	32102
	Antimony	01097		Bromide	71870		Dieldrin	39380		Chloroform	32106
	Arsenic	01002		Carbon Dioxide	00405		Endrin	39390		Chloromethane	34418
	Barium	01007		Chloride	00940		Heptachlor	39410		Dibromochloromethane	32105
	Beryllium	01012		Color	00080		Heptachlor Epoxide	39420		Methylene Chloride	34423
	Boron	01022		Fluoride	00951		Lindane	39782		Tetrachloroethylene	34475
	Cadmium	01027		Iodide	71865		Methoxychlor	39480		1,1,1-Trichloroethane	34506
	Calcium	00916		Odor	00086		Toxaphene	39400		Trichloroethylene	39180
	Chromium, Total	01034		Residue, Total	00500		2,4-D	39730		Trihalomethanes	82080
	Chromium VI	01032		Residue, Filterable (TDS)	70300		2,4,5-TP-Silvex	39760		PCBs	39516
	Copper	01042		Residue, Nonfilterable	00530		2,4,5-T	39740			
							SEE ATTACHMENT				

ON SITE ANALYSES		
Parameter		Value
Flow	50050	mgd
Chlorine, Total	50060	mg/l
Dissolved Oxygen	00300	mg/l
pH	00400	7.6 units
Temperature	00010	4.0 °C
CONDUCT.		750 micromhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 088

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-30

DATE COLLECTION BEGAN (YYMMDD): 880126

TIME COLLECTION BEGAN (24 hour clock): 1415

COLLECTION METHOD: [x] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if changed):
ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235
COPY 1: 0157 — LT McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801
COPY 2:

GLENN R SMART (ROY F. WESTON INC.)

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GW 88 0083

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP D		GROUP E		GROUP F
	Ammonia 00610		Cyanide, Total 00720	X	Phenols 32730		Antimony 01097
	Chemical Oxygen Demand 00340		Cyanide, Free 00722				Arsenic 01002
	Kjeldahl Nitrogen 00625				GROUP G		Barium 01007
	Nitrate 00620		GROUP H		Acidity, Total 70508		Beryllium 01012
	Nitrite 00615		BHC Isomers 39340		Alkalinity, Total 00410		Boron 01022
X	Oil & Grease 00560		Chlordane 39350		Alkalinity, Bicarbonate 00425		Cadmium 01027
X	Organic Carbon 00680		DDT Isomers 39370		Bromide 71870		Calcium 00916
	Orthophosphate 00671		Dieldrin 39380		Carbon Dioxide 00405		Chromium, Total 01034
	Phosphorus, Total 00665		Endrin 39390		Chloride 00940		Chromium VI 01032
X	TOX		Heptachlor 39410		Color 00080		Copper 01042
			Heptachlor Epoxide 39420		Fluoride 00951		
			Lindane 39782		Iodide 71865		
			Methoxychlor 39480		Odor 00086		
			Toxaphene 39400		Residue, Total 00500		
			2,4-D 39730		Residue, Filterable (TDS) 70300		
			2,4,5-TP-Silvex 39760		Residue, Nonfilterable 00530		
			2,4,5-T 39740				

	Hardness 00900		Residue, Settleable 50086		GROUP T
	Iron 01045		Residue, Volatile 00505		Bromoform 32104
	Lead 01051		Silica 00955		Bromodichloromethane 32101
	Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Manganese 01055		Sulfate 00945		Chloroform 32106
	Mercury 71900		Sulfite 00740		Chloromethane 34418
	Nickel 01067		Surfactants -MBAS 38260		Dibromochloromethane 32105
	Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Selenium 01147				Tetrachloroethylene 34475
	Silver 01077				1,1,1-Trichloroethane 34506
	Sodium 00929		GROUP H		Trichloroethylene 39180
	Thallium 01059		BHC Isomers 39340		Tribalomethanes 82080
	Zinc 01092		Chlordane 39350		PCBs 39516
X	SEE ATTACHMENT		DDT Isomers 39370		
			Dieldrin 39380		
			Endrin 39390		
			Heptachlor 39410		
			Heptachlor Epoxide 39420		
			Lindane 39782		
			Methoxychlor 39480		
			Toxaphene 39400		
			2,4-D 39730		
			2,4,5-TP-Silvex 39760		
			2,4,5-T 39740		
		X	SEE ATTACHMENT		
					GROUP J
					Sulfides 00745

ON SITE ANALYSES

Parameter		Value	
Flow	50050	--	mgd
Chlorine, Total	50060		mg/l
Dissolved Oxygen	00300	--	mg/l
pH	00400	7.5	units
Temperature	00010	6.5	°C
CONDUCT.		140	405

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for typewritten imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 089

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-31

DATE COLLECTED: 18 [illegible] 86

TIME COLLECTION BEGAN (24 hour clock): 1420

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if desired): COPY TO 0157 — USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235; LT. McCOY, USAF HOSP PEASE/SEPB, Pease AFB, NH 03801

GLENN R [illegible] (ROY F. WESTON INC.) Glenn R Hunt

REASON FOR SUBMISSION: [illegible] A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE [illegible]: SN 85 0081 — OEHL FD

ANALYSES REQUESTED (check appropriate blocks)

	[illegible] A		Hardness	00900		Residue, Settleable	50086		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical [illegible]	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl [illegible]	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants -MBAS	38260		Dibromochloromethane 32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	TOX		Sodium	00929		[illegible] GROUP H			Trichloroethylene 39180
	[illegible] D		Thallium	01059		EHC Isomers	39340		Trihalomethanes 82080
X	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722	X	SEE ATTACHMENT		DDT Isomers	39370		
						Dieldrin	39380		
	[illegible] E		[illegible] GROUP G			Endrin	39390		
X	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	[illegible] F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		ON SITE ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	mgd
	Cadmium	01027	Iodide	71865	X	SEE ATTACHMENT		Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	6.7 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		[illegible] GROUP J		Temperature 00010	9 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	CONDUCT.	600 umhos

COMMENTS

AF FORM [illegible] JAN 81

ENVIRONMENTAL SAMPLING DATA

(Use this space for additional imprint)

LOCATION IDENTIFIER (AFR 19-7): 0157 NA 090

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 5 RFW 32

DATE COLLECTION BEGAN (YYMMDD): 18 5 0 3 2 7

TIME COLLECTION BEGAN (24 hour clock): 1436

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY: 0157 HQ MAC/DSC HOSP PEME/SEPB PEASE AFB NH 03803

GLENN R SMART (ROY FUNSTON) — [signature] R Bryant

LOCATION: 01 — ACCURACY/INCIDENT: B-ROUTINE/PERIODIC — CORRELATION NEEDED — RECEIVED BY/DATE/TIME — OTHER (Specify): IRP PHASE I

BASE SAMPLE NUMBER: GN 85 0084 — LABORATORY

ANALYSIS REQUESTED (Check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP D		GROUP E		GROUP F		GROUP G		GROUP H		GROUP J		GROUP K	
	Ammonia	00610	Arsenic	00978	Residue, Settleable	00545	Cyanide, Total	00720	Phenols	32730	Antimony	01097	Acidity, Total	70508	BHC Isomers	39340	Sulfides	00745	Bromodichloromethane	32101
	Biochemical Oxygen Demand	00310	Boron	01045	Residue, Volatile	00505	Cyanide, Free	00722			Arsenic	01002	Alkalinity, Total	00410	Chlordane	39350			Carbon Tetrachloride	32102
	Chemical Oxygen Demand	00340	Lead	01051	Silica	00955					Barium	01007	Alkalinity, Bicarbonate	00425	DDT Isomers	39370			Chloroform	32106
	Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095					Beryllium	01012	Bromide	71870	Dieldrin	39380			Chloromethane	34418
	Nitrate	00620	Manganese	01055	Sulfate	00945					Cadmium	01027	Carbon Dioxide	00405	Endrin	39390			Dibromochloromethane	32105
	Nitrite	00615	Mercury	71900	Sulfite	00740					Calcium	00916	Chloride	00940	Heptachlor	39410			Methylene Chloride	34423
X	Oil & Grease	00560	Nickel	01067	Surfactants - MBAS	38260					Chromium, Total	01034	Color	00080	Heptachlor Epoxide	39420			Tetrachloroethylene	34475
X	Organic Carbon	00680	Potassium	00937	Turbidity	00076					Chromium VI	01032	Fluoride	00951	Lindane	39782			1,1,1-Trichloroethane	34506
	Orthophosphate	00671	Selenium	01147							Copper	01042	Iodide	71865	Methoxychlor	39480			Trichloroethylene	39180
	Phosphorus, Total	00665	Silver	01077							Iron	01045	Odor	00086	Toxaphene	39400			Trihalomethanes	82080
X	TOTAL ORGANIC HALOGENS		Sodium	00929							Lead	01051	Residue, Total	00500	2,4-D	39730			PCBs	39516
			Thallium	01059							Magnesium	00927	Residue, Filterable (TDS)	70300	2,4,5-TP-Silvex	39760				
			Zinc	01092							Manganese	01055	Residue, Nonfilterable	00530	2,4,5-T	39740				
			X SEE ATTACHMENT								Mercury	71900								
											Nickel	01067								
											Potassium	00937								
											Selenium	01147								
											Silver	01077								
											Sodium	00929								
											Thallium	01059								
											Zinc	01092								

FIELD MEASUREMENTS	
Parameter	Value
Flow — 00060	
Chlorine, Total — 50060	
Dissolved O — 00300	
pH — 00400	5.0
Temperature — 00010	10.0 °C
CONDUCT	1000 µ

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 M A 0 9 1

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 5 RFW 33

DATE COLLECTION BEGAN (YYMMDD): 18 5 0 4 0 5

TIME COLLECTION BEGAN (24 hour clock): 0930

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO — ORIGINAL: USAF OEHL/SA, BLDG 140 Brooks AFB, TX 78235

COPY 1: 0 1 5 7 - LT McCOY USAF HOSP PEASE/SEPB PEASE AFB NH 03801

COPY 2:

GLENN R. SMART (ROY F. WESTON INC.) [signature]

SAMPLE FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, I-RCRA (specify), O-OTHER (specify) IRP PHASE II

PEASE SAMPLE NUMBER: GN 85 0085 (DELETED)

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900		Residue, Settleable	50080		GROUP T
	Ammonia	00610	Iron	01045		Residue, Volatile	00505		Bromoform 32104
	Chemical Oxygen Demand	00340	Lead	01051		Silica	00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen	00625	Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride 32102
	Nitrate	00620	Manganese	01055		Sulfate	00945		Chloroform 32106
	Nitrite	00615	Mercury	71900		Sulfite	00740		Chloromethane 34418
X	Oil & Grease	00560	Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane 32105
X	Organic Carbon	00680	Potassium	00937		Turbidity	00076		Methylene Chloride 34423
	Orthophosphate	00671	Selenium	01147					Tetrachloroethylene 34475
	Phosphorus, Total	00665	Silver	01077					1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Sodium	00929		GROUP H			Trichloroethylene 39180
	GROUP D		Thallium	01059		BHC Isomers	39340		Trihalomethanes 82080
	Cyanide, Total	00720	Zinc	01092		Chlordane	39350		PCBs 39516
	Cyanide, Free	00722	X SEE ATTACHMENT			DDT Isomers	39370		
						Dieldrin	39380		
	GROUP E		GROUP G			Endrin	39390		
X	Phenols	32730	Acidity, Total	70508		Heptachlor	39410		
			Alkalinity, Total	00410		Heptachlor Epoxide	39420		
	GROUP F		Alkalinity, Bicarbonate	00425		Lindane	39782		
	Antimony	01097	Bromide	71870		Methoxychlor	39480		
	Arsenic	01002	Carbon Dioxide	00405		Toxaphene	39400		
	Barium	01007	Chloride	00940		2,4-D	39730		FIELD ANALYSES
	Beryllium	01012	Color	00080		2,4,5-TP-Silvex	39760	Parameter	Value
	Boron	01022	Fluoride	00951		2,4,5-T	39740	Flow 50050	mgd
	Cadmium	01027	Iodide	71865				Chlorine, Total 50060	mg/l
	Calcium	00916	Odor	00086				Dissolved Oxygen 00300	mg/l
	Chromium, Total	01034	Residue, Total	00500				pH 00400	8.0 units
	Chromium VI	01032	Residue, Filterable (TDS)	70300		GROUP J		Temperature 00010	8.0 °C
	Copper	01042	Residue, Nonfilterable	00530		Sulfides	00745	Conductivity	330 µmhos/cm

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 N A 0 9 2

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 5 RFW 34

DATE COLLECTION BEGAN (YR MO DA): 8 5 0 3 2 7

TIME COLLECTION BEGAN (24 hour clock): 815

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check 1): ORIGINAL: USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1: 0 1 5 7 - LT. McCOY, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801

COPY 2:

GLENN R. SMART (ROY F WESTON INC) Glenn R Smart

REASON FOR SUBMISSION: O — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT H-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: G N 8 5 0 0 8 6 — OEHL PD: —

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T
	Ammonia 00610		Iron 01045		Residue, Volatile 00505		Bromoform 32104
	Chemical Oxygen Demand 00340		Lead 01051		Silica 00955		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Magnesium 00927		Specific Conductance 00095		Carbon Tetrachloride 32102
	Nitrate 00620		Manganese 01055		Sulfate 00945		Chloroform 32106
	Nitrite 00615		Mercury 71900		Sulfite 00740		Chloromethane 34418
X	Oil & Grease 00560		Nickel 01067		Surfactants -MBAS 38260		Dibromochloromethane 32105
X	Organic Carbon 00680		Potassium 00937		Turbidity 00076		Methylene Chloride 34423
	Orthophosphate 00671		Selenium 01147				Tetrachloroethylene 34475
	Phosphorus, Total 00665		Silver 01077				1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Sodium 00929		GROUP H		Trichloroethylene 39180
	GROUP D		Thallium 01059		BHC Isomers 39340		Trihalomethanes 82080
	Cyanide, Total 00720		Zinc 01092		Chlordane 39350		PCBs 39516
	Cyanide, Free 00722	X	SEE ATTACHMENT		DDT Isomers 39370	XX	SEE ATTACHMENT
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
X	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
	Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050 — mgd
	Cadmium 01027		Iodide 71865				Chlorine, Total 50060 — mg/l
	Calcium 00916		Odor 00086				Dissolved Oxygen 00300 — 7.2 mg/l
	Chromium, Total 01034		Residue, Total 00500				pH 00400 — units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 — 8 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		CONDUCTIVITY — 1200 µmhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 093

BASE WHERE SAMPLE COLLECTED: PEASE AFB NH

SAMPLING SITE DESCRIPTION: ZONE 5 RFW 3S

DATE COLLECTION BEGAN (YY MM DD): 85 03 27

TIME COLLECTION BEGAN (24 hour clock): 1251

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (check if applicable)
- ORIGINAL: USAF OEHL/SA, BLDG 140 Brook's AFB, TX 78235
- COPY 1: 0157 - Lt McCoy, USAF HOSP PEASE/SEPB, PEASE AFB, NH 03801
- COPY 2:

GLENN R. SWIFT (CH2M F. WESTON INC.) Glenn R Swift

REASON FOR SUBMISSION: 0 = ACCIDENT/INCIDENT; 1 = ROUTINE/PERIODIC; 2 = COMPLAINT; 3 = FOLLOWUP/CLEANUP; 4 = OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 85 0087 DELETE

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP C		GROUP T
	Ammonia 00610		Hardness 00900		Residue, Settleable 50086		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Residue, Volatile 00505		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Silica 00955		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Specific Conductance 00095		Chloroform 32106
	Nitrite 00615		Manganese 01055		Sulfate 00945		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Sulfite 00740		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Surfactants -MBAS 38260		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Turbidity 00076		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147				1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGEN		Silver 01077				Trichloroethylene 39180
	GROUP D		Sodium 00929		GROUP H		Trihalomethanes 82080
	Cyanide, Total 00720		Thallium 01059		BHC Isomers 39340		PCBs 39516
	Cyanide, Free 00722	X	Zinc 01092		Chlordane 39350		
			SEE ATTACHMENT		DDT Isomers 39370		
					Dieldrin 39380		
	GROUP E		GROUP G		Endrin 39390		
X	Phenols 32730		Acidity, Total 70508		Heptachlor 39410		
			Alkalinity, Total 00410		Heptachlor Epoxide 39420		
	GROUP F		Alkalinity, Bicarbonate 00425		Lindane 39782		
	Antimony 01097		Bromide 71870		Methoxychlor 39480		
	Arsenic 01002		Carbon Dioxide 00405		Toxaphene 39400		
	Barium 01007		Chloride 00940		2,4-D 39730		ON SITE ANALYSES
	Beryllium 01012		Color 00080		2,4,5-TP-Silvex 39760		Parameter / Value
	Boron 01022		Fluoride 00951		2,4,5-T 39740		Flow 50050 — cfs
	Cadmium 01027		Iodide 71865				Chlorine, Total 50060 — mg/l
	Calcium 00916		Odor 00086				Dissolved Oxygen 00300 — mg/l
	Chromium, Total 01034		Residue, Total 00500				pH 00400 — 6.5 units
	Chromium VI 01032		Residue, Filterable (TDS) 70300		GROUP J		Temperature 00010 — 10.0 °C
	Copper 01042		Residue, Nonfilterable 00530		Sulfides 00745		conduct. 1210 umhos

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

DEHL USE ONLY

(Use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 5 7 NA 0 3 6

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-36

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 3 2 2

TIME COLLECTION BEGAN (24 hour clock): 0900

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (circle 1): ORIGINAL — COPY 1 — 0157 — COPY 2

USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

LT McCOY, USAF HOSP PEASE/SEPB, Pease AFB, NH 03801

GLENN R SHARTT (ROY F. WESTON INC.)

REASON FOR SUBMISSION: A-ACCIDENT/INCIDENT; B-ROUTINE/PERIODIC; C-COMPLAINT; N-NPDES; F-FOLLOWUP/CLEANUP; O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: _____ OEHL PD: _____

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		Hardness	00900	Residue,Settleable	50086		GROUP T	
	Ammonia	00610	Iron	01045	Residue,Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340	Lead	01051	Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620	Manganese	01055	Sulfate	00945		Chloroform	32106
	Nitrite	00615	Mercury	71900	Sulfite	00740		Chloromethane	34418
✓	Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260		Dibromochloromethane	32105
X	Organic Carbon	00680	Potassium	00937	Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671	Selenium	01147				Tetrachloroethylene	34475
	Phosphorus,Total	00665	Silver	01077				1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGENS		Sodium	00929		GROUP H		Trichloroethylene	39180
	GROUP D		Thallium	01059	BHC Isomers	39340		Tribalomethanes	82080
	Cyanide,Total	00720	Zinc	01092	Chlordane	39350		PCBs	39516
	Cyanide,Free	00722			DDT Isomers	39370			
					Dieldrin	39380			
	GROUP E		GROUP G		Endrin	39390			
	Phenols	32730	Acidity,Total	70508	Heptachlor	39410			
			Alkalinity,Total	00410	Heptachlor Epoxide	39420			
	GROUP F		Alkalinity,Bicarbonate	00425	Lindane	39782			
	Antimony	01097	Bromide	71870	Methoxychlor	39480			
	Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400			
	Barium	01007	Chloride	00940	2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012	Color	00080	Pentachlorophenol	39032		Parameter	Value
	Boron	01022	Fluoride	00951	2,4,5-T	39740		Flow 50050	gpd
	Cadmium	01027	Iodide	71865				Chlorine,Total 50060	mg/l
	Chromium,Total	01034	Residue,Total	00500				pH 00400	7.2 units
	Chromium VI	01032	Residue,Filterable (TDS)	70300		GROUP J		Temperature 00010	6.0 °C
	Copper	01042	Residue,Nonfilterable	00530	Sulfides	00745		conductivity	150 umh

COMMENTS

AF FORM JAN 81 2752

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 NA 062

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-37

DATE COLLECTION BEGAN (YYMMDD): 910513

TIME COLLECTION BEGAN (24 hour clock): 0900

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (check if ...): ORIGINAL — USAF OEHL/SA, BLDG 140, Brooks AFB, TX 78235

COPY 1 — 0157 — LT McCOY, USAF HOSP PEASE/SGPB, PEASE AFB, NH 03801

COPY 2

GLENN R SMART (ROY F WESTON INC.) Glenn R Smart

REASON FOR SUBMISSION: 0 — A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN85005 4 — OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

| | GROUP A | | |

ENVIRONMENTAL SAMPLING DATA

(Use this space for mechanical imprint)

DEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0 1 S 7 NA 0 6 S

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: RFW-3S

DATE COLLECTION BEGAN (YYMMDD): 8 5 0 1 3 12

TIME COLLECTION BEGAN (24 hour clock): 0940 EST 1040 EDT

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (circle if desired): ORIGINAL; COPY 1; COPY 2

0157 USAF OEH2/SA, BLDG 140, Brook's AFB, TX 78235

LT McCOY, USAF HOSP PEASE/SGPB, Pease AFB, NH 03801

GLENN R SMART (ROY F WESTON INC.) Glenn R Smart

REASON FOR SUBMISSION: [X] O

A-ACCIDENT/INCIDENT R-ROUTINE/PERIODIC C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN 8 5 0 0 6 0

DEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A		GROUP B		GROUP T
	Ammonia 00610		Hardness 00900		Bromoform 32104
	Chemical Oxygen Demand 00340		Iron 01045		Bromodichloromethane 32101
	Kjeldahl Nitrogen 00625		Lead 01051		Carbon Tetrachloride 32102
	Nitrate 00620		Magnesium 00927		Chloroform 32106
	Nitrite 00615		Manganese 01055		Chloromethane 34418
X	Oil & Grease 00560		Mercury 71900		Dibromochloromethane 32105
X	Organic Carbon 00680		Nickel 01067		Methylene Chloride 34423
	Orthophosphate 00671		Potassium 00937		Tetrachloroethylene 34475
	Phosphorus, Total 00665		Selenium 01147		1,1,1-Trichloroethane 34506
X	TOTAL ORGANIC HALOGENS		Silver 01077		Trichloroethylene 39180
	GROUP D		Sodium 00929		Trihalomethanes 82080
X	Cyanide, Total 00720		Thallium 01059	GROUP H	PCBs 39516
	Cyanide, Free 00722		Zinc 01092	BHC Isomers 39340	
		X	SEE ATTACHMENT	Chlordane 39350	
	GROUP E		GROUP G	DDT Isomers 39370	
				Dieldrin 39380	
				Endrin 39390	
X	Phenols 32730		Acidity, Total 70508	Heptachlor 39410	
			Alkalinity, Total 00410	Heptachlor Epoxide 39420	
	GROUP F		Alkalinity, Bicarbonate 00425	Lindane 39782	
	Antimony 01097		Bromide 71870	Methoxychlor 39480	
	Arsenic 01002		Carbon Dioxide 00405	Toxaphene 39400	
	Barium 01007		Chloride 00940	2,4-D 39730	
	Beryllium 01012		Color 00080	2,4,5-TP-Silvex 39760	
	Boron 01022		Fluoride 00951	2,4,5-T 39740	
	Cadmium 01027		Iodide 71865		
	Calcium 00916	X	SEE ATTACHMENT		
	Chromium, Total 01034		Odor 00086		
	Chromium VI 01032		Residue, Total 00500		
	Copper 01042		Residue, Filterable (TDS) 70300	GROUP J	
			Residue, Nonfilterable 00530	Sulfides 00745	

ON SITE ANALYSES

Parameter	Value
Flow 50050	mgd
Chlorine, Total 50060	mg/l
Dissolved 00300	
pH 00400	7.0 units
Temperature 00010	7.0 °C
CONDUCT	350 mmhos

COMMENTS

AF FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

(use this space for mechanical imprint)

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157NA076

BASE WHERE SAMPLE COLLECTED: PEASE AFB

SAMPLING SITE DESCRIPTION: ZONE 3, RFW 34

DATE COLLECTION BEGAN (MMDDYY): 081404

TIME COLLECTION BEGAN (24 hour clock): 0910

COLLECTION METHOD: [X] GRAB [ ] COMPOSITE _____ HOURS

MAIL REPORTS TO (Circle 11 enclosed)

ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX

COPY 1: 0157 Lt. McCoy, USAF HOSP PEASE/SGPB, PEASE AFB, NH

COPY 2:

SAMPLE COLLECTED BY (Name, Grade, AFSC): GLENN R. SWIFT (ROY F. WESTON INC.)

SIGNATURE: Glenn R Swift

AUTOVON:

REASON FOR EMISSION: [ ] A-ACCIDENT/INCIDENT B-ROUTINE/PERIODIC 76 C-COMPLAINT N-NPDES F-FOLLOWUP/CLEANUP O-OTHER (specify)

BASE SAMPLE NUMBER: GW05001

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

GROUP A		Hardness 00900		Residue, Settleable 50086		GROUP T	
Ammonia	00610	Iron	01045	Residue, Volatile	00505	Bromoform	32104
Chemical Oxygen Demand	00340	Lead	01051	Silica	00955	Bromodichloromethane	32101
Kjeldahl Nitrogen	00625	Magnesium	00927	Specific Conductance	00095	Carbon Tetrachloride	32102
Nitrate	00620	Manganese	01055	Sulfate	00945	Chloroform	32106
Nitrite	00615	Mercury	71900	Sulfite	00740	Chloromethane	34418
Oil & Grease	00560	Nickel	01067	Surfactants -MBAS	38260	Dibromochloromethane	32105
Organic Carbon	00680	Potassium	00937	Turbidity	00076	Methylene Chloride	34423
Orthophosphate	00671	Selenium	01147			Tetrachloroethylene	34475
Phosphorus, Total	00665	Silver	01077			1,1,1-Trichloroethane	34506
TOTAL ORGANIC HALOGENS		Sodium	00929	GROUP H		Trichloroethylene	39180
GROUP D		Thallium	01059	BHC Isomers	39340	Trihalomethanes	82080
Cyanide, Total	00720	Zinc	01092	Chlordane	39350	PCBs	39516
Cyanide, Free	00722	[X] SEE ATTACHMENT		DDT Isomers	39370	[X] VOA'S SEE ATTACHMENT.	
				Dieldrin	39380		
GROUP E		GROUP G		Endrin	39390		
Phenols	32730	Acidity, Total	70508	Heptachlor	39410		
		Alkalinity, Total	00410	Heptachlor Epoxide	39420		
GROUP F		Alkalinity, Bicarbonate	00425	Lindane	39782		
Antimony	01097	Bromide	71870	Methoxychlor	39480		
Arsenic	01002	Carbon Dioxide	00405	Toxaphene	39400		
Barium	01007	Chloride	00940	2,4-D	39730	ON SITE ANALYSES	
Beryllium	01012	Color	00080	2,4,5-TP-Silvex	39760	Parameter	Value
Boron	01022	Fluoride	00951	2,4,5-T	39740	Flow 50050	mgd
Cadmium	01027	Iodide	71865			Chlorine, Total 50060	mg/l
Calcium	00916	Odor	00086			Dissolved Oxygen 00300	mg/l
Chromium, Total	01034	Residue, Total	00500			pH 00400	7.0 units
Chromium VI	01032	Residue, Filterable (TDS)	70300	GROUP J		Temperature 00010	8.0 °C
Copper	01042	Residue, Nonfilterable	00530	Sulfides	00745	CONDUCT.	230 micromhos

COMMENTS

FORM 2752 JAN 81

ENVIRONMENTAL SAMPLING DATA

OEHL USE ONLY

SAMPLING SITE IDENTIFIER (AFR 19-7): 0157 GWA 042

BASE WHERE SAMPLE COLLECTED: PEASE AFB, NH

SAMPLING SITE DESCRIPTION: ZONE 1 - SW1

DATE COLLECTION BEGAN (YYMMDD): 840110

TIME COLLECTION BEGAN (24 hour clock): 1110

COLLECTION METHOD: ☑ GRAB ☐ COMPOSITE _____ HOURS

MAIL REPORTS TO (Limit to two addressees)
- ORIGINAL: Major Barnes, Technical Program Mgr, Brooks AFB TX 78235
- COPY 1: 0157 USAF HOSP/SGPB PEASE AFB, NH 03803
- COPY 2:

SAMPLE COLLECTED BY (Name, Org, AFSC): GLENN R. SMART (WESTON)

SIGNATURE: Glenn R Smart

AUTOVON:

REASON FOR SUBMISSION: 50 — A-ACCIDENT/INCIDENT, R-ROUTINE/PERIODIC, C-COMPLAINT, N-NPDES, F-FOLLOWUP/CLEANUP, O-OTHER (specify) IRP PHASE II

BASE SAMPLE NUMBER: GN840222

OEHL PID:

ANALYSES REQUESTED (check appropriate blocks)

	GROUP A			Hardness	00900		Residue, Settleable	50086		GROUP T	
	Ammonia	00610		Iron	01045		Residue, Volatile	00505		Bromoform	32104
	Chemical Oxygen Demand	00340		Lead	01051		Silica	00955		Bromodichloromethane	32101
	Kjeldahl Nitrogen	00625		Magnesium	00927		Specific Conductance	00095		Carbon Tetrachloride	32102
	Nitrate	00620		Manganese	01055		Sulfate	00945		Chloroform	32106
	Nitrite	00615		Mercury	71900		Sulfite	00740		Chloromethane	34418
X	Oil & Grease	00560		Nickel	01067		Surfactants - MBAS	38260		Dibromochloromethane	32105
X	Organic Carbon	00680		Potassium	00937		Turbidity	00076		Methylene Chloride	34423
	Orthophosphate	00671		Selenium	01147					Tetrachloroethylene	34475
	Phosphorus, Total	00665		Silver	01077					1,1,1-Trichloroethane	34506
X	TOTAL ORGANIC HALOGEN			Sodium	00929		GROUP H			Trichloroethylene	39180
	GROUP D			Thallium	01059		BHC Isomers	39340		Trihalomethanes	82080
	Cyanide, Total	00720		Zinc	01092		Chlordane	39350		PCBs	39516
	Cyanide, Free	00722					DDT Isomers	39370			
							Dieldrin	39380			
	GROUP E			GROUP G			Endrin	39390			
	Phenols	32730		Acidity, Total	70508		Heptachlor	39410			
				Alkalinity, Total	00410		Heptachlor Epoxide	39420			
	GROUP F			Alkalinity, Bicarbonate	00425		Lindane	39782			
	Antimony	01097		Bromide	71870		Methoxychlor	39480			
	Arsenic	01002		Carbon Dioxide	00405		Toxaphene	39400			
	Barium	01007		Chloride	00940		2,4-D	39730		ON SITE ANALYSES	
	Beryllium	01012		Color	00080		2,4,5-TP-Silvex	39760		Parameter	Value
	Boron	01022		Fluoride	00951		2,4,5-T	39740		Flow 50050	mgd
	Cadmium	01027		Iodide	71865					Chlorine, Total 50060	mg/l
	Calcium	00916		Odor	00086					Dissolved O2 00300	mg/l
	Chromium, Total	01034		Residue, Total	00500					pH 00400	7.50 units
	Chromium VI	01032		Residue, Filterable (TDS)	70300		GROUP J			Temperature 00010	5.5 °C
	Copper	01042		Residue, Nonfilterable	00530		Sulfides	00745		SPEC COND	310 µmhos @ 5.5 °C

COMMENTS

AF FORM 2752 JAN 81

APPENDIX M

SITE SAFETY PLAN

WESTON

TAT Project

SAFETY PLAN

Date: 1/31/85

~~Region~~: CONCORD NH

TDD#: N/A

PCS#: N/A

A. Incident Description

1. Location: PEASE AFB, NH 2. Date: 1/31/85

3. Type: Spill (✓) Fire ( ) HW Site (✓) Other _____

4. Status ABANDONED LANDFILLS, SPILL AREA, FIRE TRAINING AREAS, ACTIVE FIRE TRAINING AREA

5. Response Objectives IDENTIFY AREAS OF CONTAMINATION AND ATTEMPT TO QUANTIFY

6. Background Review: Complete (✓) Partial ( )

If partial, why? _____

7. Hazard Level: High ( ) Moderate (✓) Low ( ) Unknown ( )

Inhalation (✓) Ingestion ( ) Contact (✓) Radiation ( )

8. Site Plan/Sketch attached Yes ( ) No (✓)

9. Background Material attached Yes ( ) No (✓)

B. Material Description

1. Type: Liquid (✓) Solid ( ) Sludge (✓) Vapor/Gas ( )

2. Chemical Name/Class SOLVENTS AND PETROLEUM PRODUCTS

3. Characteristics: Corrosive ( ) Ignitable (✓)

WESTON

B. Material Description (cont'd)

3. Characteristics(cont'd)- Biological Agent ( )

Volatile (✓) Toxic (✓) Reactive ( )

4. Toxicity: TLVs (TLV-TWA) 10 PPM IDLHs 1000 PPM (TCE)

50 PPM 2000 PPM (BENZENE)

0.10 mg/m³ (SKIN) 40 mg/m³ (TETRAETHYL LEAD)

5. Special Hazards _____

6. Acute Exposure Symptoms VERTIGO, IRRIT. EYES, INSOMNIA, ANXIETY

C. Site Description

1. Size > 4000 ACRES

2. Surrounding Population > 10,000

3. Buildings/Homes US AIR FORCE BASE W/ ASSOCIATE BUILDINGS & HOUSING

4. Topography FLAT TO ROLLING

5. Receiving Waters STREAMS, PONDS, TIDAL BAY & ESTUARY

6. Weather _____

7. Unusual Features _____

8. Site History US AIR FORCE BASE SINCE MID 1950's, PRIOR TO THAT, SMALL MUNICIPAL AIRPORT AND FARM LAND

D. Personnel Protection

1. Entry Level of Protective clothing: A ( ) B ( )

C ( ) D (✓)

2. If not B, why? NO EVIDENCE OF GROSS CONTAMINATION, NO FLORAL OR FAUNAL STRESS, MOST AREAS FREQUENTED BY BASE PERSONNEL

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D. Personnel Protection (cont'd)

3. Site Instrument Readings:

% O2 _____ % LEL _____

Radioactivity _____ HNU BACKGROUND TO >300 PPM

OVA _____ Other _____

4. If no site readings, why? _____

_____

5. Was protective level up or downgraded: Yes ( ) No (✓)

(Up) or downgraded to: A ( ) B ( ) C (✓) D ( )

Why POTENTIAL RESPIRATORY HAZARD. HNU READINGS OF >300 PPM IN SOIL SAMPLES AND UP TO 200 PPM IN WELL CASING. NO READINGS ABOVE 5 PPM ABOVE BACKGROUND IN BREATHING ZONE.

Actual Change: WENT TO C WHEN HNU READINGS SURPASSED 5 PPM ABOVE BACKGROUND

6. Respirator Protective Equipment:

SCBA _____ Canister Type _____

Gas Mask _____ Cartridge Type GMC-H

Ultra Twin _____

Dust Mask _____

7. Protective Clothing:

BUTYL RUBBER GLOVES _____ _____

RUBBER BOOTS _____ _____

TYVEK COVERALLS _____ _____

8. Field Monitoring Equipment and Materials:

HNU _____ _____ _____

_____ _____ _____

_____ _____ _____

WESTON

E. Decontamination Procedures

1. Attach sketch showing Exclusion Zone, Contamination Reduction Zone, Support Zone and numerically labelled Decontamination Stations.
2. For each decontamination station note procedure and materials need on an attachment page.

F. General Information

1. Team members

GLENN SMART _____

JERRY O'NEIL _____

_____

2. Site Safety Coordinator GLENN SMART

G. Emergency Information

1. Have nearby people been evacuated: Yes ( ) No (✓)

If yes over how large and area? _____

Who initiated the evacuation? _____

2. First Aid Instructions DIRECT CONTACT - RINSE AND WASH WITH SOAP. RESPIRATORY EXPOSURE - REMOVE FROM SITE

3. Sources of help:

	NAME	TOWN	PHONE	NOTIFIED Yes	NOTIFIED No
Fire	PEASE FIRE DEPT.	N/A	[redacted] 117	( )	( )
Police	PEASE SECURITY POLICE	N/A	430-2747	(X)	( )
Ambulance	PEASE HOSPITAL	N/A	[redacted] 430-2333	( )	( )

3. Sources of help (cont'd)

	NAME	TOWN	PHONE	NOTIFIED Yes	NOTIFIED No
Hospital	PEASE HOSPITAL PORTSMOUTH CITY HOSP	PORTSMOUTH	430-3752 436-1127	( )	( )
Poison Info	—	—	1-800 572-8236	( )	( )
Airport				( )	( )
Heliport				( )	( )
Site Tel	BIO ENVIRONMENT ENGINEERING	ON BASE	603-430-2208	(X)	( )
Nearest Tel	NUMEROUS	ON BASE	—	( )	( )

4. Emergency Telephone Numbers

WESTON Hot Line	215-524-1925 or 1926	
WESTON NPO	215-431-0797 or 0798 or 215-692-3030	
P. B. Lederman - NPM	201-665-0359	(Home)
S. M. Gertz - HSO	215-667-5461	(Home)
Medical Emergency	513-421-3063	(Nat'l Service)
EPA - ERT Emergency	201-321-6660	
Chemtrec	800-424-9300	
Centers For Disease Control	404-329-3311 404-329-3644	(day) (night)
National Pesticide Medical Emergency	800-845-7633	(Regional Services)

WESTON

Prepared by GLENN SMART

Date 1/31/84

Approved by _____

Date _____

FOR HSO USE ONLY

Reviewed and Comments _____

Action Required? Yes ( ) No ( ) If yes, what action_____

Followup carried out? Date_____

_____ _____

S.O. Signature Date

END

11-87

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