

AD-A252 560



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**RICKENBACKER AIR NATIONAL GUARD BASE
COLUMBUS, OHIO**

**CLOSURE PLAN
ADDENDUM
HAZARDOUS WASTE STORAGE AREA
(BUILDING 560)**

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HAZWRAP SUPPORT CONTRACTOR OFFICE

Oak Ridge, Tennessee 37831

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For the U.S. DEPARTMENT OF ENERGY under contract DE-AC05-84OR21400

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CLOSURE PLAN ADDENDUM

for

**HAZARDOUS WASTE STORAGE AREA (BUILDING 560)
RICKENBACKER AIR NATIONAL GUARD BASE
Columbus, Ohio**



Submitted By:

RICKENBACKER AIR NATIONAL GUARD BASE

MAY 1992

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Under Direction of The

**HAZARDOUS WASTE REMEDIAL ACTIONS PROGRAM
MARTIN MARIETTA ENERGY SYSTEMS, INC.
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and the

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Submitted to

**OHIO ENVIRONMENTAL PROTECTION AGENCY
Central District**

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1.0 INTRODUCTION

This Closure Plan is submitted by Rickenbacker Air National Guard Base (the Base), in compliance with the Ohio Administrative Code (OAC) Chapter 3745 Part 66, and Code of Federal Regulations (CFR) Title 40 Part 265, Subpart G.

The Plan describes the closure activities that will be undertaken at the former hazardous waste storage area (HWSA) located at Building 560 of the Base, U.S. EPA Interim Status Permit #OH3571924544. The site was used from 1983 until 1986 for the storage of drummed wastes generated at the Base.

A landfill closure with groundwater remediation will be undertaken at the site. However, since the installation of a RCRA landfill cap at this site will interfere with the performance of the groundwater remediation, a cap will not be installed. The building (Building 560) and the drum wash pad adjacent to the building will be cleaned.

Environmental investigations were conducted at the HWSA in 1989, 1990, and 1991, to determine what contaminants exist at the site, and the extent of the contaminants.

This Closure Plan includes:

	<u>Page</u>
1.0 Description of the Rickenbacker Air National Guard Base	1-1
2.0 Description of the Hazardous Waste Storage Area	2-1
3.0 List of the Hazardous Wastes Stored at this Location	3-1
4.0 Description of the Investigations Conducted	4-1
5.0 Remediation Methods	5-1
5.1 Building Decontamination	
5.2 Underground Storage Tank Removal	
5.3 Groundwater Remediation	
6.0 Sampling Plan and Analytical Procedures	6-1
7.0 Personnel Safety and Fire Prevention	7-1
8.0 A Schedule of the Closure	8-1
9.0 Certification of Closure	9-1
10.0 Post-Closure Status	10-1
11.0 Cost Estimates for Closure	11-1
12.0 Closure Rules	12-1
13.0 References	13-1

LIST OF FIGURES

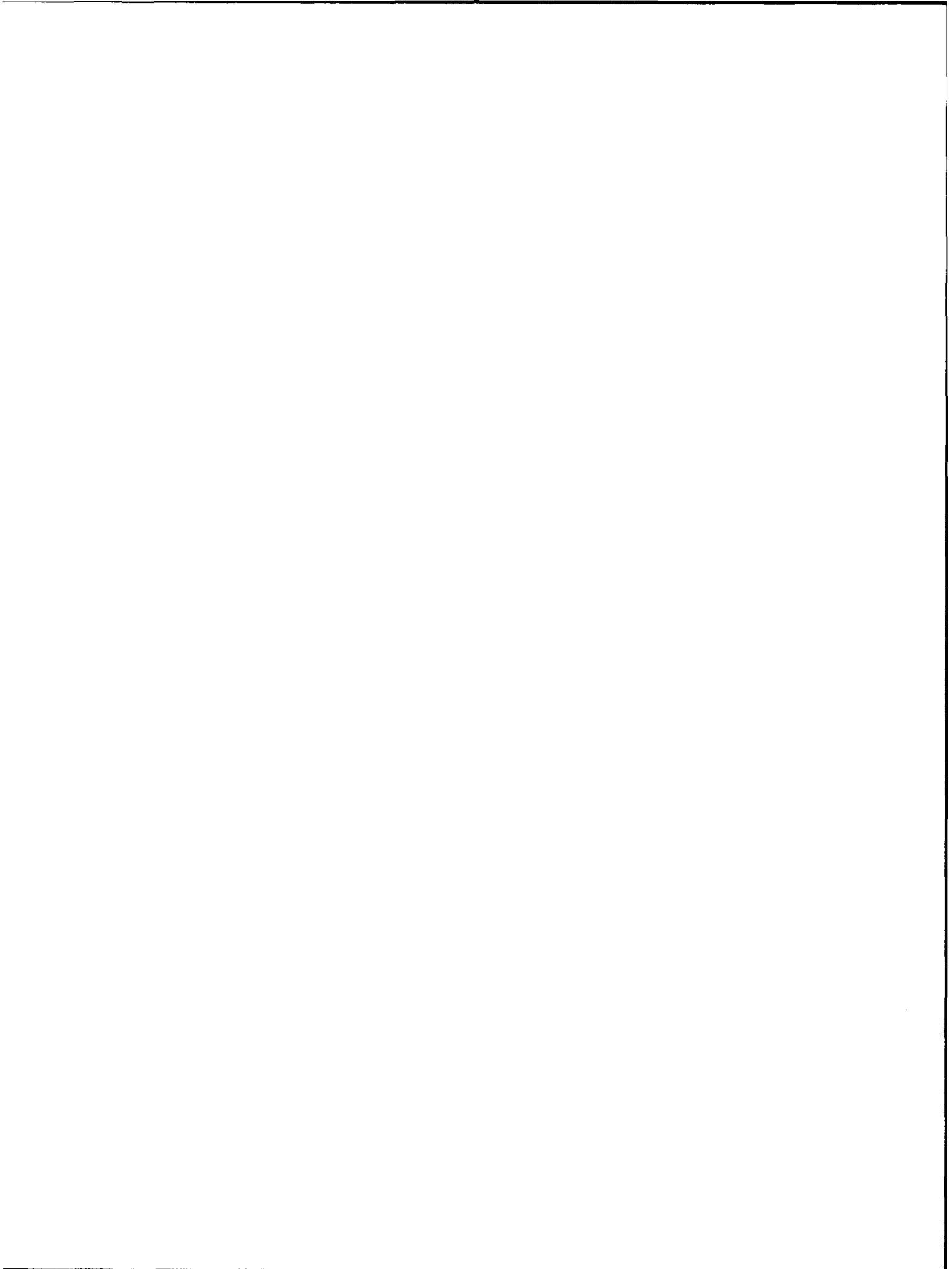
	<u>Page</u>
1.1 Location Map	1-2
1.2 Hazardous Waste Storage Area - Location	1-3
1.3 Hazardous Waste Storage Area - Detail	1-4
2.1 Aerial Photograph of Area	2-3
2.2 Photograph of Building 560	2-4
5.1 Decontamination Pad	5-3
5.2 Recovery Well Detail	5-10
5.3 Groundwater Treatment Schematic	5-11

LIST OF TABLES

3.1 Summary of Wastes Stored at Hazardous Waste Storage Area	3-2
4.1 List of Analytes	4-2
5.1 Hazardous Constituents Associated with The Hazardous Waste Storage Area	5-5
5.2 Treatment System - Design Concentration Levels	5-12
6.1 Analytical Methods and Collection Specifications for Soil Samples	6-3
6.2 Analytical Methods and Collection Specifications for Water Samples	6-6
6.3 Sample Numbering System	6-10
6.4 Chain of Custody	6-11
6.5 Minimum Detection Limits - Metals	6-13
8.5 Schedule for Closure	8-1

LIST OF APPENDICES

A	Analytical Results
B	Previous Investigations



1.0 FACILITY DESCRIPTION

1.1 RICKENBACKER AIR NATIONAL GUARD BASE

The Rickenbacker Air National Guard Base (the Base) is located 12 miles southeast of Columbus, and 0.5 miles east of Lockbourne, Ohio, as is illustrated on Figure 1.1. The Base covers approximately 2,100 acres of the glacial till plain that separates the Big Walnut and Walnut Creek drainage basins. The area has been used as an air base under the custody of various government branches, including the Army Air Corps, and the Air National Guard since 1942. Access to the Base is restricted through a continually guarded entrance.

The hazardous waste storage area (HWSA) is located at the edge of the shop area in the northern section of the Base (Figure 1.2). The HWSA includes a 170 foot by 95 foot, fenced, grass-covered area, and a 10 foot by 20 foot steel building on a concrete slab known as Building Number 560 (Figure 1.3). Four underground storage tanks (USTs) are located southeast of Building 560. These have been used for the storage of JP4 jet fuel, oils and de-icing fluid. These USTs were not used as a part of the permitted hazardous waste storage facility, however, one of the USTs is within the HWSA, and the other three are adjacent to it. The activities that generated the wastes stored in the HWSA include degreasing operations at Base shops, aircraft cleaning and general maintenance activities (painting, paint stripping, etc.).

1.2 ENVIRONMENTAL SETTING

The environmental setting of the Base is described in this subsection with an emphasis on the identification of natural features that may influence the movement of hazardous waste contaminants from this facility.

Meteorology

The climate of Columbus, Ohio is characterized as continental (Pierce, 1959). The mean annual temperature is 52°F. The coldest month is January, while the warmest month is July with mean temperatures of 30°F and 74°F, respectively. Mean annual precipitation is 38 inches with October being the driest and June the wettest months. Net precipitation is calculated to be 37.88 inches per year (HMTc, 1987).

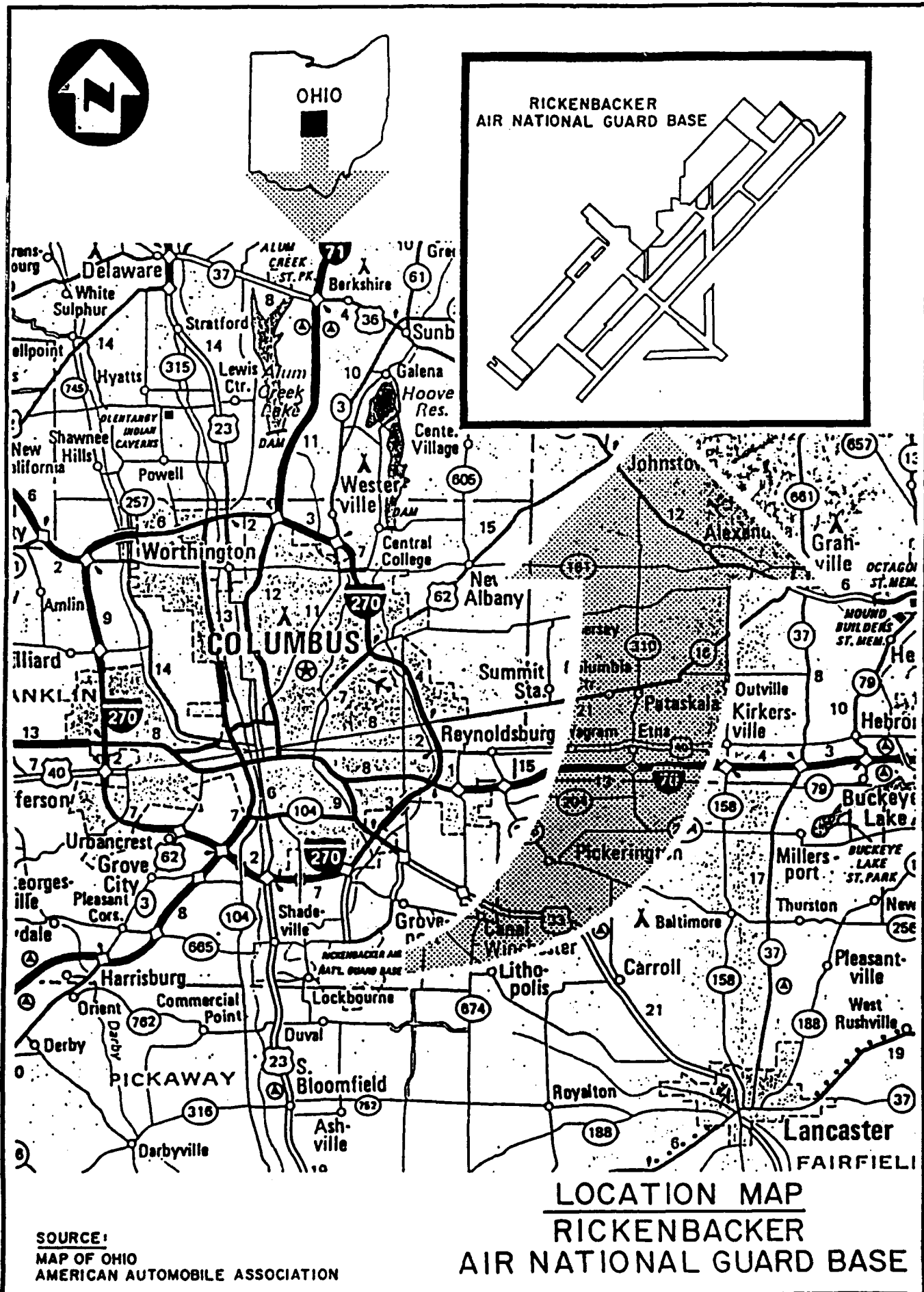


FIGURE 1.2

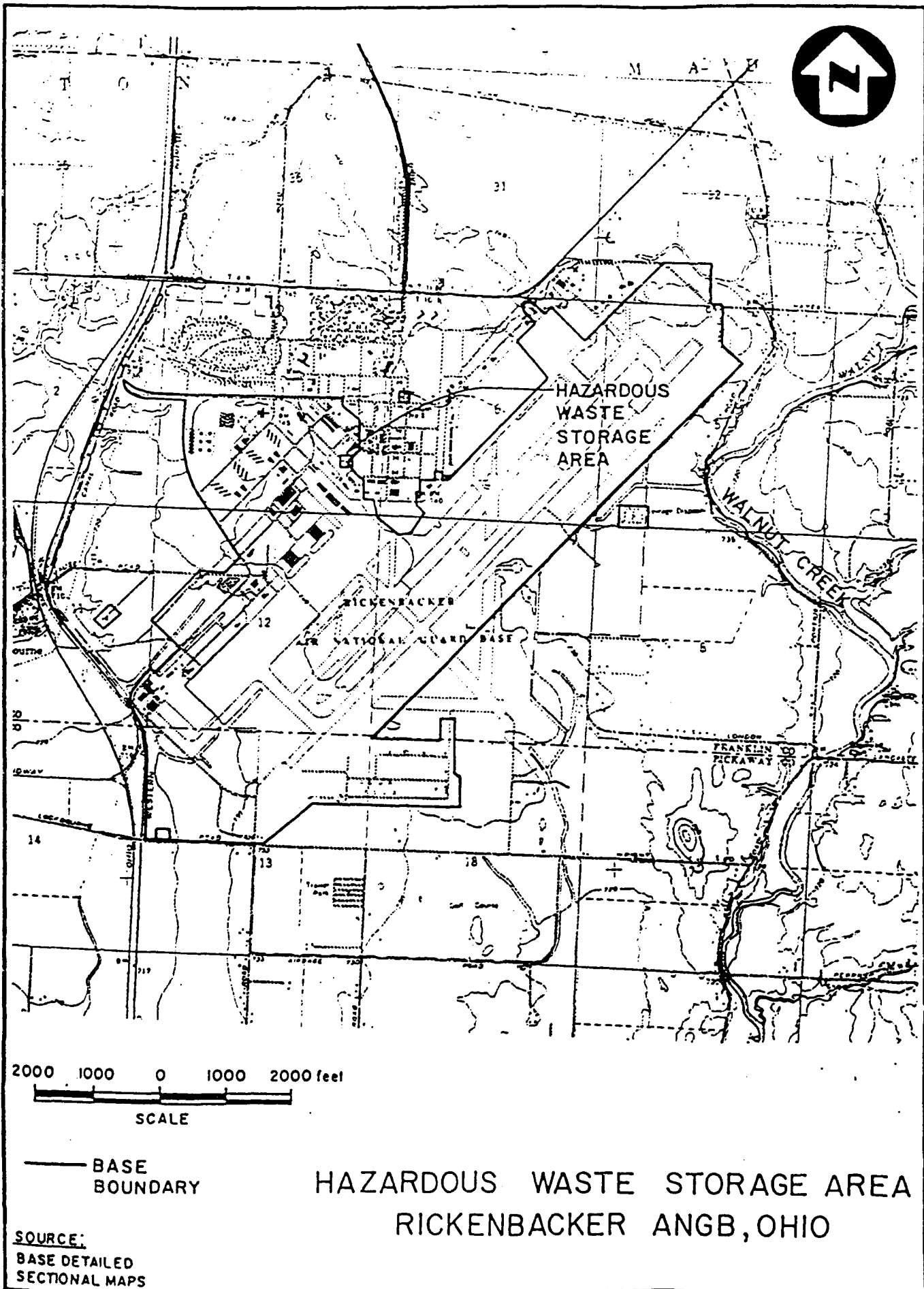
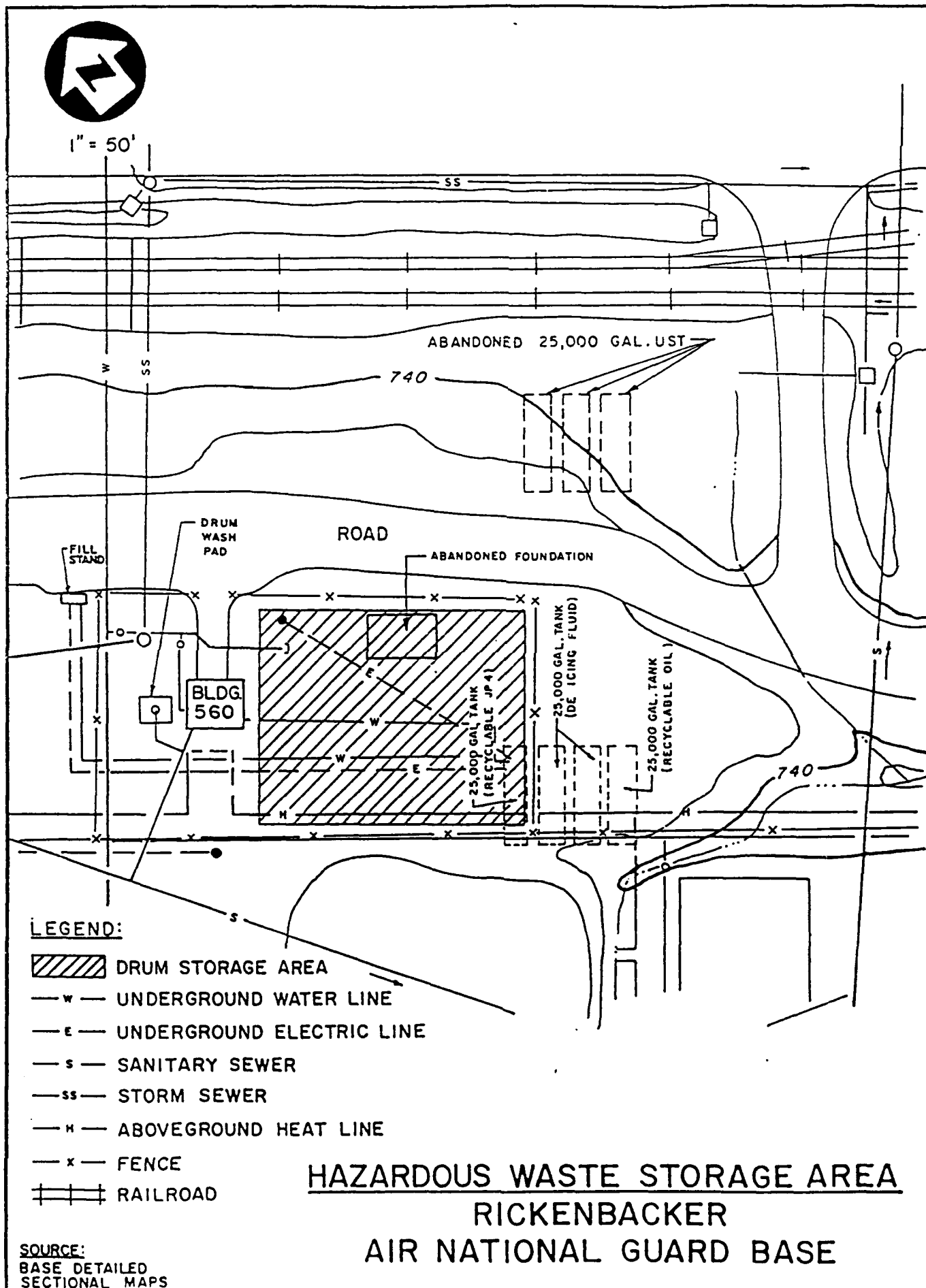


FIGURE 1.3



Geology

The Base is located in the Glaciated Central Lowlands Province just west of the Appalachian Plateau Province. The geology of the area is characterized by 200 feet(+) of Pleistocene glacial outwash sand and gravel and silty and clayey till (mixed drift) filling a preglacial bedrock valley (Smith and Goldthwaite, 1958). The bedrock types under the mixed drift fill are Devonian limestones and shales of the Columbus and Delaware Formations.

Soils

Soils mapped at the Base are of the Kokomo and Crosby Series (SCS, 1976). The soils are characterized as deep, very poorly drained, slowly to moderately slowly permeable soils formed in glacial tills on uplands. The Crosby series soils are formed on slopes up to 6 percent grade while the Kokomo series soils form on gentler 0-2 percent slopes on the higher landscape positions. The Crosby soils exhibit permeabilities of 0.06 to 0.6 in/hr in unleached horizons. The Kokomo soils have permeabilities of 0.2 to 2.0 in/hr.

Surface Water Hydrology

Rickenbacker ANGB occupies the drainage divide between Big Walnut Creek and Walnut Creek. Surface drainage from the Base is through an extensive storm drain network which includes corrugated metal and concrete drainage pipes and open drainage ditches. All of the surface water is routed through oil-water separators before release into surrounding surface streams, eventually discharging to Walnut Creek and Big Walnut Creek.

Ground Water Hydrology

Groundwater is the primary source of drinking water in this area. There are six water supply wells located on the Base. Five of the wells are located in the northwest portion of the Base and supply the drinking water for ANGB personnel, residents of former Base housing, and the Village of Lockbourne. Three of the five drinking water wells are used. The depths of the ANGB drinking water wells range from 201 to 232

feet. The wells are screened in the glacial sands and gravels immediately above the shale bedrock at depths of 180 to 200 feet. Static water levels in the drinking water wells range from 36 to 56 feet. The sixth water well on the Base is found at the Heating Plant. Water from the five wells is treated by sand filtration and chlorination before distribution. Testing of water from the wells for priority pollutants indicated no detectable contamination (Ecology and Environment, 1986). Homes along the rural roads surrounding the Base are served by individual domestic water wells. These wells are completed in sand and gravel aquifers between 20 and 100 feet deep.

Twelve monitoring wells and 15 soil borings were completed at the HWSA during pre-closure sampling activities. The borings (including wells) ranged in depth from 10 to 27 feet. The stratigraphy at the site consists of 10 to 14 feet of silty clay soils (till) over a sand and gravel aquifer ranging in thickness from five to 15 feet. The aquifer may in fact be two separate aquifers divided by a one foot thick clay layer (Appendix B). Groundwater is confined in the sand aquifer and attains a static level of approximately ten feet below grade in the monitoring wells. The Pre-Closure Sampling Report and the Addendum to the Pre-Closure Sampling Report (ES, 1992) contains further discussion of site geology.

SECTION 2

2.0 HAZARDOUS WASTE STORAGE AREA

The site is located in the central area of the Base. The HWSA measures 150 feet by 95 feet, and is surrounded by a chain-link fence, with a locking gate. A majority of the site is not paved, and is vegetated with grasses and herbaceous material. There is a paved driveway that leads to the building, and the floor of the building (Building 560) is paved with concrete. The area surrounding the site is very level and is also vegetated with grasses and herbaceous material. To the north and east of the site is a gravel road, and beyond the road are rail tracks. These tracks are no longer in use. The area to the south and west is currently used as a storage yard for stockpiled telephone poles, and drummed material. To the south and east of the site are office buildings, and parking lots. Beyond the buildings to the east are the runways of the Base. These runways receive air traffic consisting of various military aircraft, as well as private aircraft associated with the Rickenbacker Port Authority.

From 1974 to 1983, Building 560 housed water demineralization equipment. In 1983, the building was converted to a hazardous waste storage facility. The conversion included sealing off all floor drains that lead to storm sewers, connecting remaining drains to the sanitary sewer and installing emergency eye-wash and shower fixtures.

The hazardous wastes were containerized and brought to the site from other areas of the Base and were sampled to determine contents. After contents were determined, the wastes were turned over to the Defense Property Disposal Office (DPDO) for disposal or recycling. The DPDO is currently named the Defense Reutilization and Marketing Office (DRMO).

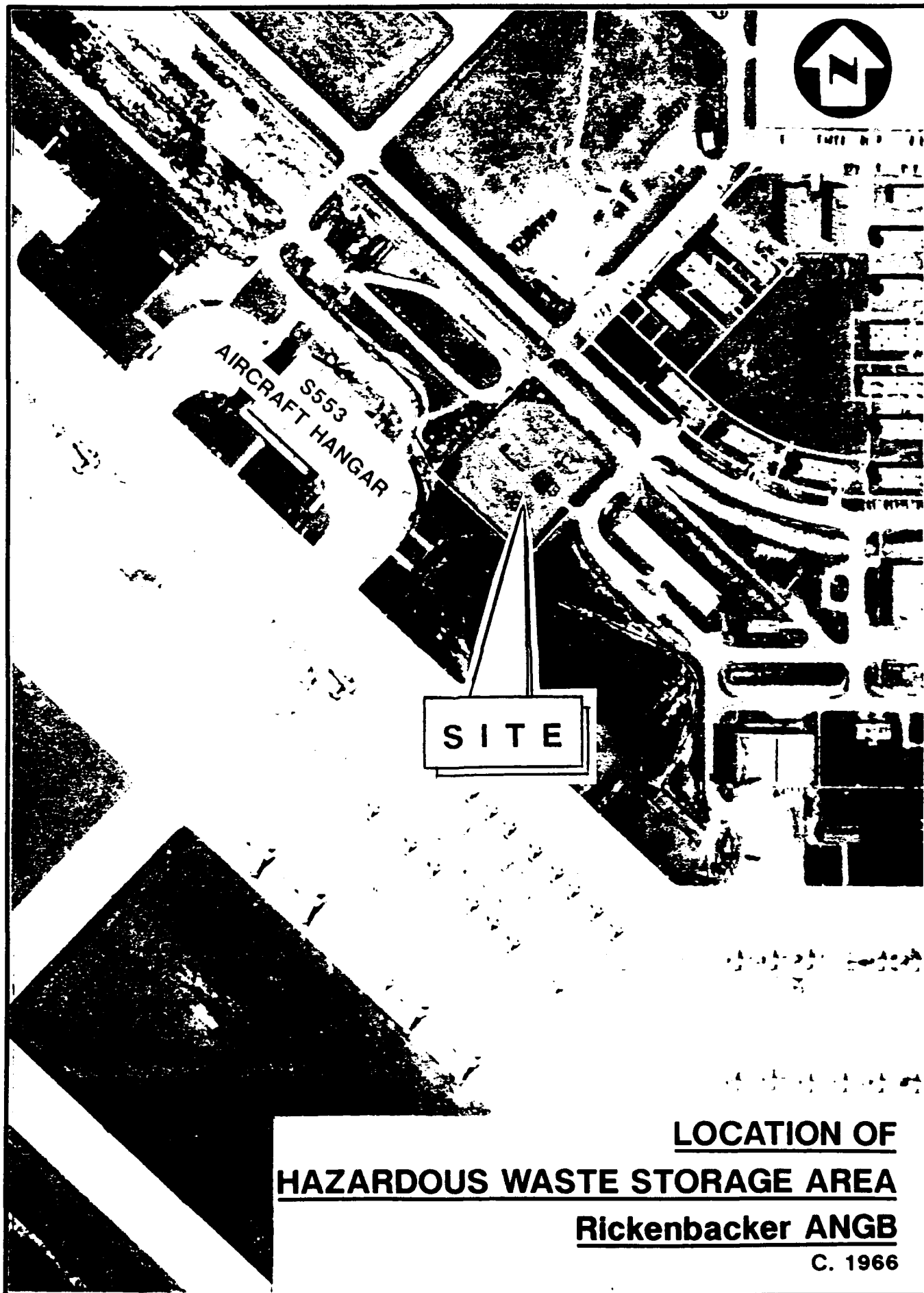
The building (Figure 1.3) was used to store small (5 gallons or less) containers which usually held acids or spent desiccants. Other materials stored at this site were containerized in 55 gallon drums. As many as 165 containers were stored at one time in the grass area outside Building 560. Section 3.0 summarizes types and quantities of waste that were stored at the site from 1983 until 1986.

The area where the HWSA was constructed has had various other uses in the past. Historical maps and drawings indicate that the site had been used for a storage yard probably for drummed lube oils (Figure 2.1). When the Base was first constructed, each of the buildings were individually heated with coal. The coal storage area for the Base was located to the west of the HWSA, adjacent to the railroad tracks. The smoke

stack for a coal burning furnace is still standing near the site and can be seen in Figure 2.2. The stack is approximately 180 feet from the HWSA. Records also indicate buildings number 552, and 551 were also located on this site. Fuel pumping operations were managed from these two buildings. One of the buildings housed the valve controls to fuel hydrants used to off-load fuel from train cars. The foundation of Building 551 is still located at the site. Excavations and soil sampling were conducted adjacent to this foundation in 1990. These investigations indicated that the fill material surrounding the structure was not contaminated.

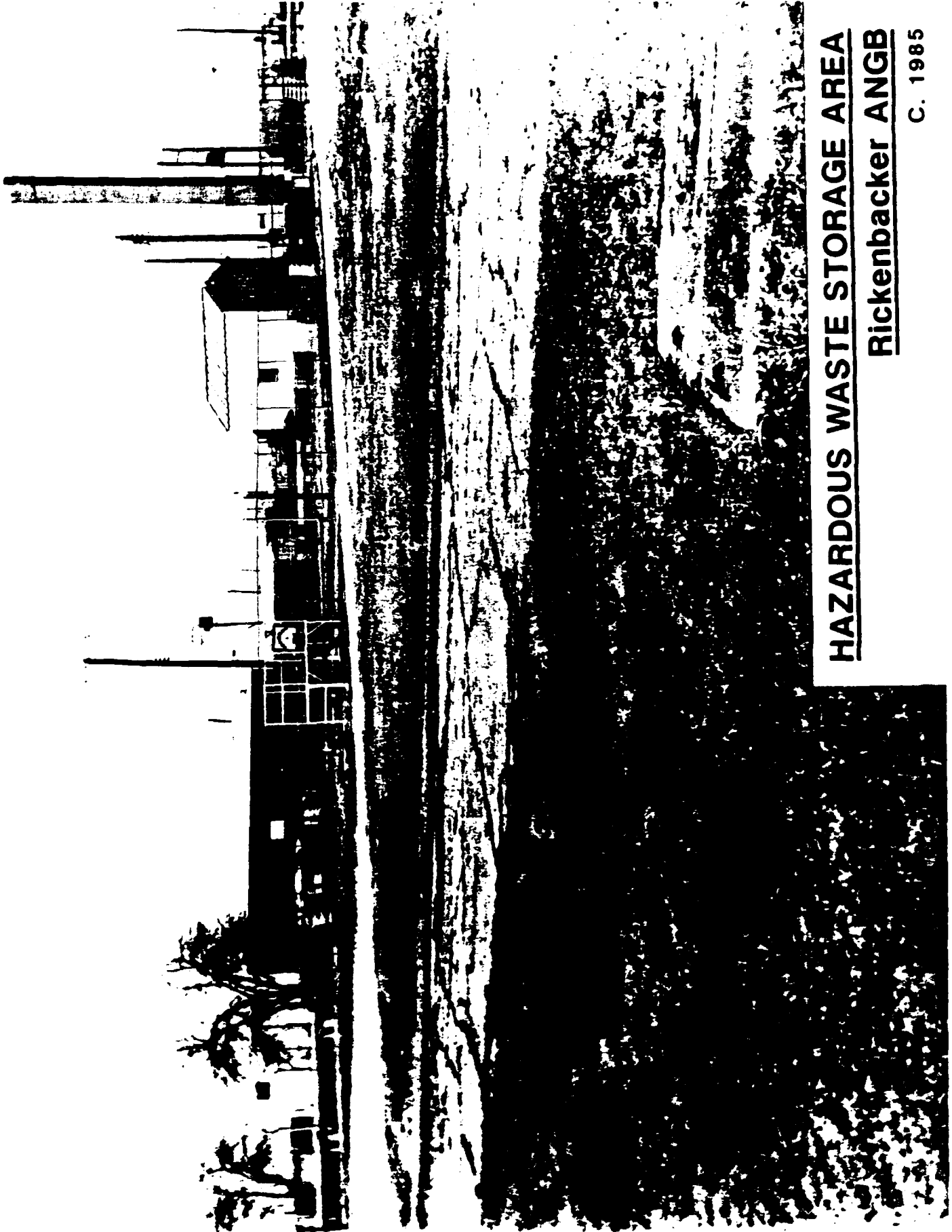
Located southeast of the site are four 25,000 gallon USTs. These have not been used as a part of the permitted HWSA, and were not described in the permit for the HWSA. Three of the tanks are outside of the fenced-in area of the HWSA, and one of the tanks is within the boundary of the fenced area. The tanks have most recently been used for the storage of recyclable jet fuel, recyclable oil, and de-icing fluid.

FIGURE 2.1



LOCATION OF
HAZARDOUS WASTE STORAGE AREA
Rickenbacker ANGB
C. 1966

FIGURE 2.2



HAZARDOUS WASTE STORAGE AREA

Rickenbacker ANGB

C. 1985

SECTION 3

3.0 LIST OF HAZARDOUS WASTES STORED AT THE HAZARDOUS WASTE STORAGE AREA

Wastes from operations on the Base were stored at the HWSA from 1983 to 1986. No wastes have been stored at the site since 1986. Table 3.1 contains a summary of those wastes.

TABLE 3.1
SUMMARY LIST OF WASTES STORED AT HAZARDOUS
WASTE STORAGE AREA (BUILDING 560)
Rickenbacker ANGB, Ohio

Waste Description	EPA Haz. Waste No.	Gallons* 1983	1983	Quantity by Year in (Pounds)	
				1985	1986
PD 680 (Stoddard Solvent, Flammable Aliphatic Petroleum Distillate	D001	1,155	1,450	110	2,429
Carbon Removing Compound (Methylene Chloride, Creosols, Phenols)	F001, F004	590	870	--	--
HAN (Highly Aromatic (Naptha)	D001	500	290	--	--
MEK (Methyl Ethyl Ketone)	F005	285	525	--	1,050
Paint Remover	F005	200	540	--	--
Bromochloromethane	--	200	385	--	--
Sulfuric Acid	D002	25	25	--	--
Paint Thinner	D001	20	20	--	--
Ethanolamine and Benzyl Alcohol	D001	220	--	--	--
Oily Water and Cleaning Solutions containing Lead, Cadmium Chromium and Nickel	D006, D007, D008	495	--	--	--
Hydraulic Fluid	--	0	360	--	--
Synthetic Oil	--	--	440	--	--
Inspection Penetrant	--	--	150	--	--
Organic Peroxide	D002	--	--	1	--
Spent Dessicant (Cobalt chlorine (pounds)	--	50	40	10	--

* Dessicant and all 1986 quantities reported in pounds.

4.0 DESCRIPTION OF THE INVESTIGATIONS CONDUCTED

Environmental investigations were conducted at this site in 1989, 1990, and 1991. The activities of these investigations were presented in detail in the stand alone documents : "Pre-Closure Sampling Report, Hazardous Waste Storage Area", ES, Final March 1992, and the "Addendum to the Pre-Closure Sampling Report, Hazardous Waste Storage Area", ES, Final January 1992. A brief outline of the activities is included here, and additional details from these documents are contained in Appendix B.

4.1 Environmental Investigations

During the investigations, surface soil, subsurface soil, and groundwater were sampled, and analyzed for volatile organic compounds (VOC), semi-volatile organic compounds (SVOC) and metals. The list of the analytes is included in Table 4.1.

Results of these investigations indicate that SVOCs are randomly distributed in the surface soils and subsurface soils at the site. There is also evidence of VOCs in the soils of the site as well as dissolved VOCs in the groundwater, and phase separated hydrocarbons on the groundwater in the area.

The data from all of the investigations was entered into a data base to facilitate the manipulation of the information. This data base is included in Appendix A. The data are listed by depth of sample, and by sample matrix. The data are also illustrated on eight of the sheets that are contained in this closure plan. Sheets 1 through 7 illustrate results of analyses that were obtained from different depths at the site. For example: Sheet 1 illustrates all of the results of the soil samples obtained from 0 to 2 feet in depth, and Sheet 2 illustrates all of the results of soil samples obtained from 3 to 5 feet in depth. Sheet 8 illustrates all of the sample locations at the site, without the associated data.

TABLE 4.1

LIST OF COMPOUNDS FOR WHICH ANALYSIS WAS CONDUCTED - RICKENBACKER ANGB,
COLUMBUS, OH

Base/Neutral Extractable Semi-Volatile Organics

Acenaphthene	Fluoranthene
Acenaphthylene	Fluorene
Anthracene	
	Hexachlorobenzene
Benzo(b)fluoranthene	Hexachlorobutadiene
Benzo(k)fluoranthene	Hexachloroethane
Benzo(a)pyrene	Hexachlorocyclopentadiene
Benzo(a)anthracene	
Benzo(ghi)perylene	Indeno(1,2,3-cd)pyrene
Benyl Alcohol *	Isophorone
Bis(2-chloroethyl)ether	
Bis(2-chloroethoxy)methane	Naphthalene
Bis(2-ethylhexyl)phthalate	Nitrobenzene
Bis(2-chloroisopropyl)ether	N-Nitrosodiphenylamine
4-Bromophenyl phenyl ether	2-Nitroaniline
Butylbenzylphthalate	3-Nitroaniline
	4-Nitroaniline
2-Chloronaphthalene	N-Nitroso-Dimethylamine *
4-Chloroaniline	N-Nitroso-di-n-dipropylamine
4-Chlorophenyl phenyl ether	
Chrysene	2-Methylnaphthalene
Dibenzo(a,h)anthracene	Phenanthrene
Dibenzofuran	Pyrene
Di-n-octylphthalate	
1,3-Dichlorobenzene	1,2,4-Trichlorobenzene
1,2-Dichlorobenzene	
1,4-Dichlorobenzene	
3,3'-Dichlorobenzidine	
Diethyl phthalate	
Dimethyl phthalate	
2,4-Dinitrotoluene	
2,6-Dinitrotoluene	
Di-n-octylphthalate	

* These compounds are not on the Target Compound List (TCL) but were included in the analysis report.

TABLE 4.1 (continued)

LIST OF COMPOUNDS FOR WHICH ANALYSIS WAS CONDUCTED - RICKENBACKER ANGB,
COLUMBUS, OHVolatile Organics

Acrolein *	1,1-Dichloroethane
Acetone	1,2-Dichloroethane
Acrylonitrile *	trans-1,2-Dichloroethene
Benzene	trans-1,3-Dichloropropene
Bromomethane	
Bromodichloromethane	2-Hexanone
Bromoform	Ethyl Benzene
2-Butanone	Styrene
Carbon disulfide	1,1,2,2-Tetrachloroethane
Carbon tetrachloride	Tetrachloroethene
Chlorobenzene	Toluene
Chloroethane	1,1,1-Trichloroethane
Chloroform	1,1,2-Trichloroethane
2-Chloroethyl vinyl ether *	Trichloroethene
Chloromethane	Trichlorofluoromethane *
Dibromochloromethane	
1,2-Dichloropropane	Vinyl chloride
1,3-Dichlorobenzene *	Vinyl Acetate *
Methylene Chloride	
cis-1,3-Dichloropropene	Xylenes
4-Methyl-2-pentanone	
1,2-Dichlorobenzene *	
1,4-Dichlorobenzene *	
1,1-Dichloroethene	

Metals

Antimony	Lead
Arsenic	Mercury
Beryllium	Nickel
Cadmium	Selenium
Chromium	Silver
Copper	Thallium
	Zinc

* These compounds are not on the Target Compound List (TCL) but were included in the analysis report.

SECTION 5

5.0 REMEDIATION METHODS

This section describes the remediation methods to be implemented at the site. They involve: decontamination of Building 560 via cleaning the building and the drum wash pad; the removal of the four USTs; and the remediation of the contaminated groundwater via a pump and treat system.

Prior to initiating any remediation procedures, temporary fencing will be erected as illustrated on Sheet 9, and work zones will be established. The zones will be clearly defined and labeled with posted signs, and will limit the movement of equipment, operators, and personnel into and out of these zones in compliance with OSHA 29 CFR 1910.120. Access to the Base is restricted through guarded entrances 24 hours each day.

These work zones are:

- a) **Exclusion Zone** - this zone includes all areas where potentially contaminated materials are exposed, excavated, or handled and all areas where contaminated equipment or personnel may travel. The level of personnel protection will be determined by the Safety Officer.
- b) **Contaminant Reduction Zone** - this is the area where the decontamination pad is located, and provides for the transfer of construction materials from off-site equipment to site-contaminated equipment, the decontamination of vehicles prior to re-entering the Support Zone, the decontamination of personnel and clothing (including containerization of disposable outerwear), and for the physical segregation of the Support and Exclusion Zones.
- c) **Support Zone** - this zone is located near the building and provides a location for temporary site facilities, personnel decontamination facilities, and an entry and exit area for personnel, material, and equipment to and from the project site.

Prior to leaving site, all vehicles and equipment used in the Exclusion Zone will be decontaminated in the Contaminant Reduction Zone.

The following procedures will be used for the decontamination of hand tools and personal protective equipment:

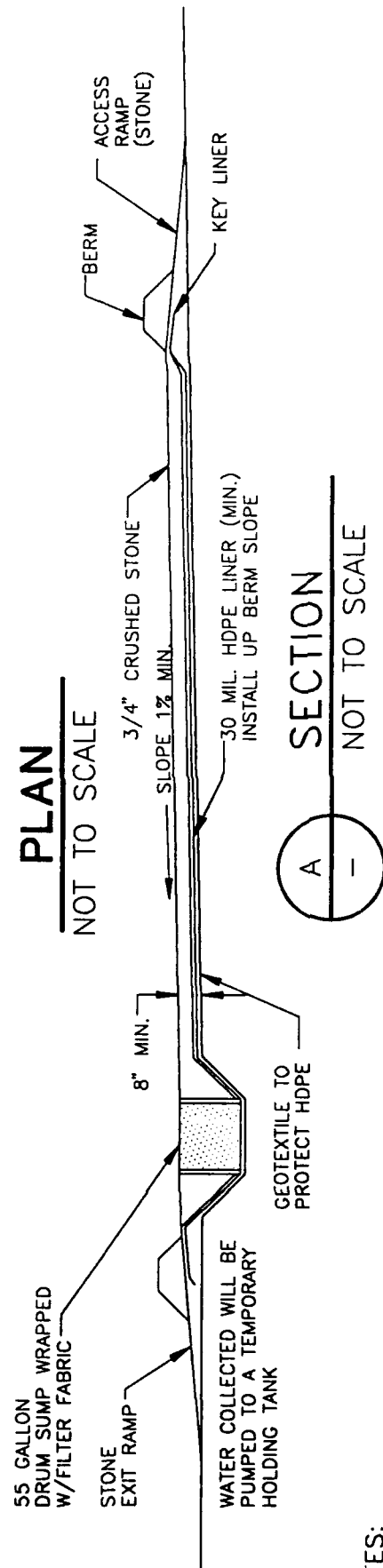
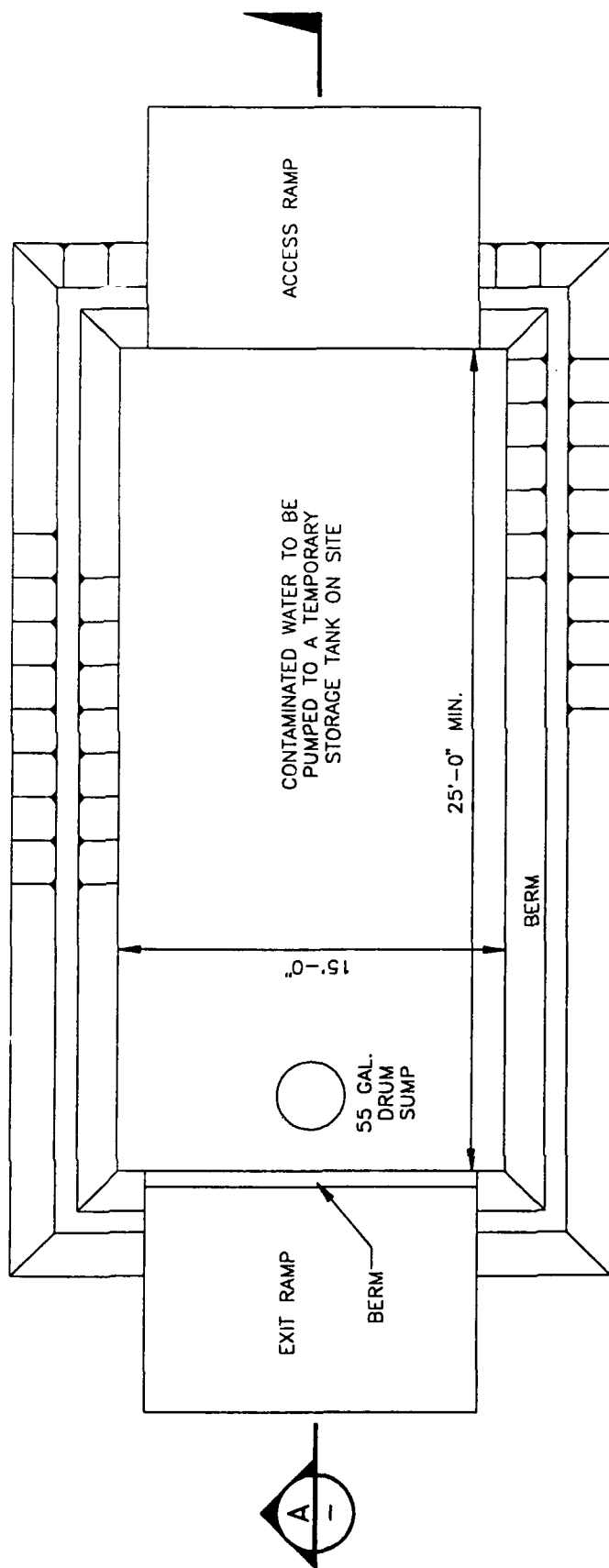
- a) Hand tools used on site will be deposited on plastic drop cloths.
- b) Outer boots and gloves are washed and scrubbed using a long-handled stiff bristle brush in a detergent solution. They are then rinsed with clear water.
- c) Outer boots and gloves are removed.
- d) The outer coverall is then removed and placed in a covered 55-gallon drum.
- e) If a respirator is necessary, the respirator facepiece is then removed followed by the inner gloves.
- f) All tools that leave the Exclusion Zone will be washed on the decontamination pad with a high pressure water wash followed by steam.
- g) Decontamination water will be transferred from the pad to a holding tank.
- h) Workers involved in decontamination of equipment and tools will wear appropriate protection covered by raingear.

The equipment decontamination pad (Figure 5.1) will be constructed for removing contaminants from all equipment leaving the site. The procedure to be used will be a high pressure water wash followed by steam wash. Water spray, steam, or other decontamination materials will be prevented from moving outside the decontamination pad. All equipment will be visually inspected by the decontamination attendants for visible contamination. Daily inspections will be made to ensure that this procedure is being followed. All equipment will be decontaminated to the Engineers' satisfaction prior to leaving the site.

5.1 BUILDING DECONTAMINATION

Acids and spent desiccants were the predominant wastes stored in the building. The building floor, walls, shelving and drum wash pad will be cleaned with soap and water and rinsed with clear water one time. Doorways and edges of the building will be diked with sorbent material to prevent runoff of washwater. The sorbent material will be containerized and disposed of appropriately. The floor drain has been previously

FIGURE 5.1



NOTES:

- BERM MATERIAL FROM EXISTING GROUND SURFACE
- DECON. PAD WILL BE COVERED WITH 30 MIL. HDPE LINER TO RESTRICT CONTAMINATION

**TEMPORARY DECONTAMINATION PAD
HAZARDOUS WASTE STORAGE AREA**

RICKENBACKER ANGB

plugged. This plug will remain in place during this cleaning operation. All wash and rinsewater will be containerized and analyzed for all hazardous constituents listed in the Appendix to OAC 3745-54-93 that are associated with the hazardous wastes that were stored at this site (Table 5.1). If the water does not exhibit the characteristics of these compounds, it will be disposed of through the sanitary sewer with approval from the Columbus Sewer District. If the water is determined to be hazardous via exhibiting a listed waste or exhibiting the characteristics of a hazardous waste, a proper disposal method will be determined based on the types of the hazardous constituents detected. Written notification of the TSDF selected for this disposal will be forwarded to the Ohio EPA at least five days prior to transport from the site.

The concrete drum wash pad northwest of Building 560 and drain pipe associated with the drum wash pad will be decontaminated. The concrete pad will be washed and rinsed. The piping will be washed by running water through the pipe. The outlet will be plugged and diked. Rinsewater will be pumped from the pipe at the outlet into a container.

The building floor, walls, shelving and drum wash pad will be considered clean if the rinseate from the cleaning operation meets the following standards:

- a) Fifteen times the public drinking water maximum contaminant level (MCL) for hazardous waste constituents as promulgated in 40 CFR 141.11 and OAC 3745-81-11 for inorganics and 40 CFR 141.12 and OAC 3745-81-12 for organics;
- b) If an MCL is not available for a particular contaminant, then fifteen times the maximum contaminant level goal (MCLG) as promulgated in 40 CFR 141.50 shall be used as the clean standard;

or

- c) If the product of fifteen times the MCL or MCLG exceeds 1 mg/L or if neither an MCL nor an MCLG is available for a particular contaminant, 1 mg/L shall be used as the clean standard.

If the MCL or MCLG is less than the contaminant's analytical detection limit using methods found in U.S. EPA publication SW-846 (Test Methods for Evaluation Solid Waste: Physical/Chemical Methods), fifteen times the SW-846 analytical detection limit shall be used as the clean standard.

The cleaning operation will be repeated, if necessary, to accomplish these levels.

TABLE 5.1
HAZARDOUS CONSTITUENTS ASSOCIATED
WITH THE
HAZARDOUS WASTE STORAGE AREA

Common Name	Analytical Method	PQL (ug/L)
Acetone	8240	100
Benzene	8020	2
	8240	5
Benzyl alcohol	8270	20
Cadmium	6010	40
	7130	50
	7131	1
Carbon tetrachloride	8010	1
	8240	5
Chloroethane; Ethyl chloride	8010	5
	8240	10
Chloroform	8010	0.5
	8240	5
Chromium	6010	70
	7190	500
	7191	10
Cobalt	6010	70
	7200	500
	7201	10
m-Cresol	8270	10
o-Cresol	8270	10
p-Cresol	8270	10
1,1-Dichloroethane	8010	1
	8240	5
1,2-Dichloroethane	8010	0.5
	8240	5
1,1-Dichloroethylene	8010	1
	8240	5
trans-1,2-Dichloroethylene	8010	1
	8240	5
Ethylbenzene	8020	2
	8240	5
Lead	8010	40
	7420	1000
	7421	10
Methylene chloride; Dichloromethane	8010	5
	8240	5

TABLE 5.1

**HAZARDOUS CONSTITUENTS ASSOCIATED
WITH THE
HAZARDOUS WASTE STORAGE AREA**

Common Name	Analytical Method	PQL (ug/L)
Methyl ethyl ketone; MEK	8015	10
	8240	100
Nickel	6010	50
	7520	400
Phenol	8040	1
	8270	10
1,1,1,2-Tetrachloroethane	8010	5
	8240	5
1,1,2,2-Tetrachloroethane	8010	0.5
	8240	5
Tetrachloroethylene; Perchloroethylene; Tetrachloroethene	8010	0.5
	8240	5
Toluene	8020	2
	8240	5
1,1,1-Trichloroethane; Methylchloroform	8240	5
1,1,2-Trichloroethane	8010	0.2
	8240	5
Trichloroethylene; Trichloroethene	8010	1
	8240	5
Vinyl chloride	8010	2
	8240	10
Xylene (total)	8020	5
	8240	5

5.2 UNDERGROUND STORAGE TANK REMOVAL

Prior to implementation of groundwater remediation activities, the four USTs will be removed. The following summary of work describes proposed tasks to be performed at the UST site. All applicable guidelines of the Ohio Department of Commerce, Division of State Fire Marshal, Bureau of Underground Storage Tank Regulations will be followed.

1. Provide for health and safety requirements per OSHA, 29 CFR 1910.120.
2. Provide for all necessary permits, manifests, and licenses.
3. Excavate soil to remove four USTs and pipelines. The pipelines are identified on Sheet 9, and connect the USTs to the fill stand northeast of the site.
4. Shore excavations as necessary and provide security while each excavation is open.
5. Empty, vapor purge, remove and clean the USTs.
6. Locate, drain, remove, empty, and clean pipelines from tank to fill stand northeast of the USTs.
7. Cut or crush and dispose of cleaned tanks and pipelines as scrap.
8. Soil will be inspected for hydrocarbon evidence using procedures described in Section 6.1.1, to determine if it is potentially contaminated.
9. Soil samples will be obtained from the tank cavity prior to backfilling. Samples will be obtained from native material as opposed to tank cavity material. At least twelve soil samples will be obtained from the tank cavity. One from beneath each of the four tanks and one at each end of each tank. Soil samples will also be obtained every 20 linear feet along piping runs, under pipe elbows, flex connectors, or joints. Soil samples will also be obtained from locations where soil is visible discolored. Each of these samples will be submitted to the laboratory for analysis. Table 7.2 contains a list of all analytical methods to be conducted.
10. For all excavated soils, segregate potentially contaminated soil from uncontaminated soil. Store in roll-off boxes with liners and covers at the excavation sites until soils can be characterized for disposal/treatment. Sampling of these containerized soils will be conducted as described in Section 7.1.1 of this plan.
11. Dispose of soils classified as hazardous at Federal and State approved RCRA hazardous waste facility.
12. Store containerized tank/pipeline contents and all wastewaters generated including, pumped groundwater, spent cleaning fluids, spent rinseates and flushing water until it is characterized for treatment/disposal.

13. Backfill and compact excavations with uncontaminated soil installing two recovery wells in old tank pit (Sheet 9).
14. Restore all work areas by regrading the surface soil to a smooth condition where no surface ponding will occur. All disturbed areas will be reseeded with a hardy grass seed mixture, and a straw mulch will be applied.

5.3 GROUNDWATER REMEDIATION

The groundwater at the site contains dissolved VOCs. There is also phase separated hydrocarbon material evident. The extent of the contaminant plume has been defined, and is illustrated on Sheets 6 and 7.

Phase separated hydrocarbon material has been skimmed from the water column MW-5 with a peristaltic pump since February 1991. Approximately 55 gallons of material has been removed to date.

During the removal of the four USTs, the water from the tank cavity will be pumped to a temporary storage tank appropriate for this material. The temporary storage tank will be positioned as near to the tank cavity as possible without interfering with excavation operations, or compromising the stability of the excavation wall. Liquids contained in the temporary storage tank will be sampled by obtaining a composite sample from the liquid at one foot intervals. This will be used to characterize the liquid for disposal. It is anticipated that the liquid will be hauled off site to a permitted treatment facility.

The proposed groundwater remediation system will be constructed and operated to achieve risk-based closure levels for the HWSA. The groundwater treatment system is composed of six recovery wells pumping to an onsite treatment system. The treatment system will be housed in Building 560 following the cleaning operations described in Section 5.1. A site plan, provided as Sheet 9, details the locations of the recovery wells and location of the treatment system.

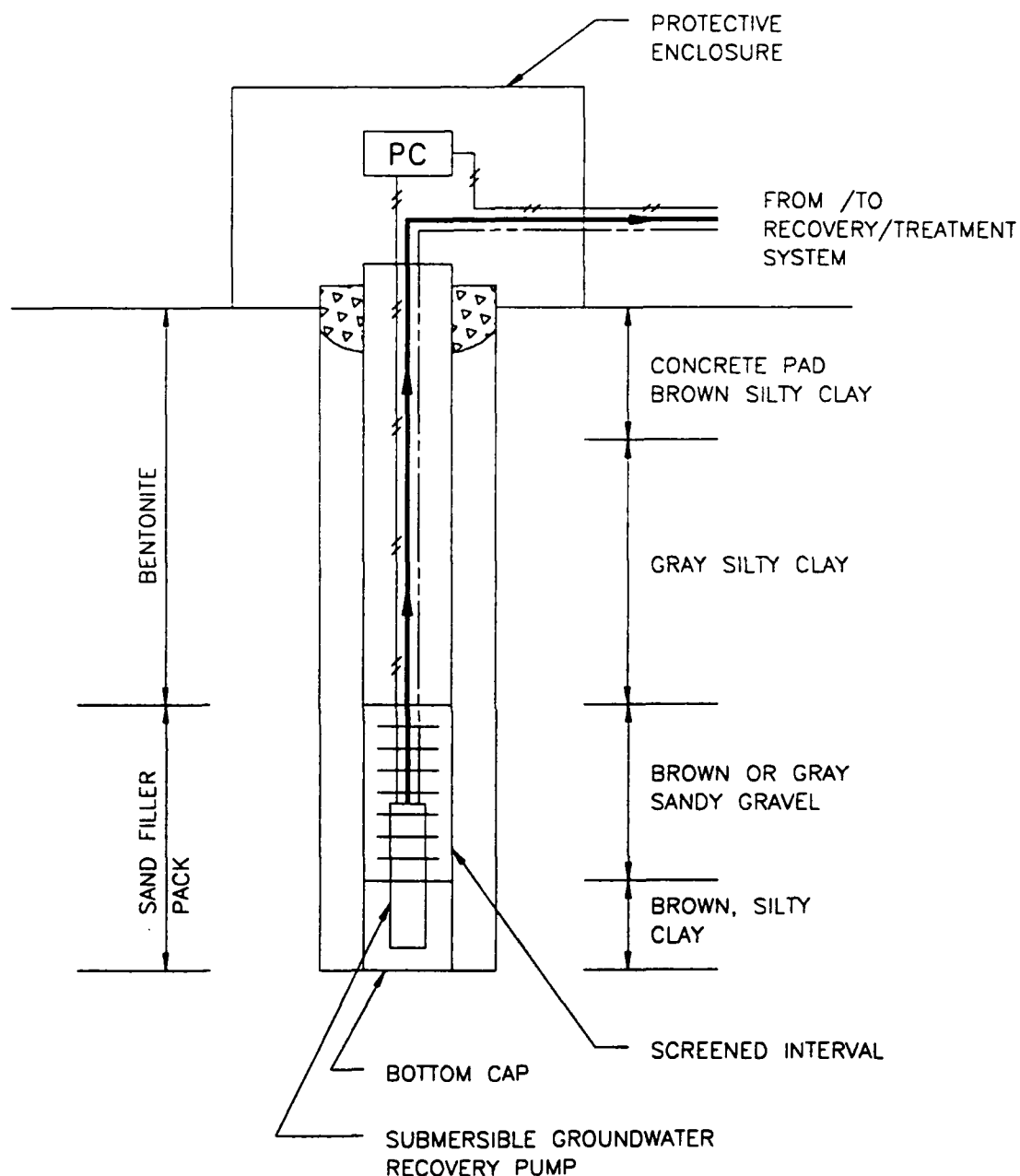
The recovery wells will be located to ensure that their radial influences will overlap, depressing the groundwater table throughout the affected area and drawing unaffected groundwater into the site. The recovery wells will be screened through the thickness of the affected aquifer only (Figure 5.2). The wells will be constructed of 8-inch diameter pipe and are estimated to produce a two gpm flowrate per well. Each well will be equipped with a submersible groundwater (total fluids) recovery pump and

pneumatic controller. The controllers, located at the well heads in protective enclosures, will be fitted with the high tank shut-off features that will shut down the pump systems in the event of a high level condition at the treatment system.

The recovered groundwater (total fluids) will be pumped to the treatment system located in Building 560. A schematic of the treatment system is provided as Figure 5.3. The treatment system is designed for an estimated 20 gpm flowrate. Influent and effluent concentrations used to size the treatment system are provided in Table 5.2. Initially, the recovered fluid will be pumped to a coalescing oil/water separator. The separator is designed to effectively remove 36 micron and larger oil droplets by means of the coalescing pack. The coalescing pack, combination of hydrocarbon-resistant packing and baffle plates, provides for maximum separation. The oil/water separator will be adequately vented on both water and phase-separated hydrocarbon (PSH) tank sides. The tank will be equipped with high-level detection on both sides to prevent potential tank overflows or system failures. The recovered PSH will be characterized and disposed of in accordance with all applicable regulations. Written notification of the disposal methods and disposal facility will be forwarded to the Ohio EPA at least five days prior to transport from the site. The recovered groundwater will be gravity fed to a four tray air stripper. This system combines bubble aeration with a horizontal tray configuration to cause the required mass transfer. Aeration in the stripper is provided via an explosion-proof blower. The stripper will be adequately vented. The stripper will be fitted with a high-level tank indicator to prevent potential tankage overflows or system failures. The air stripper effluent will be equipped with a high-level sensor to detect obstructions in the discharge line. In addition, high and low air pressure switches will be incorporated to detect pressure drop, indicative of blower failure, or pressure increase, indicative of excessive fouling. The effluent from the tray stripper will be gravity discharged to the sanitary sewer.

The groundwater recovery/treatment system operation will be tracked by Remote Systems Monitoring (RSM). The RSM will be capable of recording recovery well level observation levels, tank levels, air stripper pressure drop, and compressed air system pressure. The RSM will be capable of supplying this data via a telephone hook-up, as well as, providing information on the system's current operational status.

FIGURE 5.2



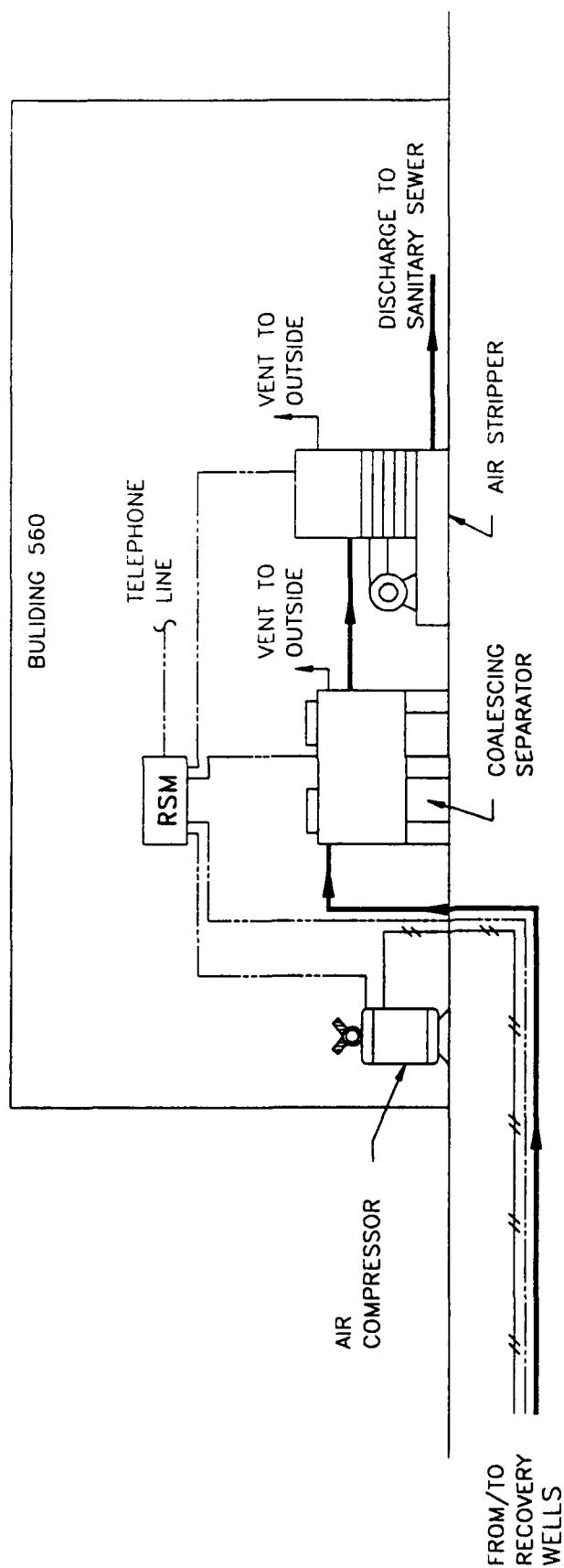
LEGEND:

-  PROCESS LINE
-  COMPRESSED AIR LINE
-  MONITORING LINE
-  PUMP CONTROLLER

**HAZARDOUS WASTE STORAGE AREA
GROUNDWATER RECOVERY WELL DETAIL
(NOT TO SCALE)**

RICKENBACKER ANGB

0115X01



LEGEND:

- PROCESS LINE
- COMPRESSED AIR LINE
- - - MONITORING LINE
- REMOTE SYSTEMS MONITORING
- [RSM]

**HAZARDOUS WASTE STORAGE AREA
GROUNDWATER RECOVERY/
TREATMENT - SCHEMATIC
(NOT TO SCALE)**

RICKENBACKER ANGB

TABLE 5.2
TREATMENT SYSTEM - DESIGN CONCENTRATION LEVELS
Rickenbacker ANGB, Ohio

Compound	Average Influent Concentration (ppb)	Maximum Effluent Concentration (ppb)
Benzene	127	5
Toluene	2	5
Ethylbenzene	33	5
Xylenes	35	5
1,2-Dichloroethene	33	0.5
1,1,1-Trichloroethane	3	200
Trichloroethene	168	5
Vinyl Chloride	5	0.2

All appropriate permits to install, and operate will be obtained from the Ohio EPA, and the Columbus Sewer District. The system will be monitored on a monthly basis for analytes listed on Table 5.2 to ensure that the system is operating effectively. Phase-separated hydrocarbon materials from the separator tank will be drummed and characterized for appropriate disposal.

Effluent from the system will be piped directly to the sewer inlet inside of Building 560. The concrete plug in the sewer inlet will be removed after the building has been cleaned. A concrete dike surrounds the inlet to ensure that spills will not enter the sewer.

Groundwater modeling using "TH-WELLS" model indicates that the treatment system will operate for four to six years.

SECTION 6

6.0 SAMPLING PLAN AND ANALYTICAL PROCEDURES

This Sampling and Analytical Plan has been developed to establish a protocol for soil and water sampling at the Hazardous Waste Storage Area (HWSA) during the site closure and during the post-closure monitoring. Section 6.1 below describes the sampling that will be performed during the closure of the HWSA. Section 6.2 discusses the post-closure sampling that will be done to insure that the closure is intact and that no contaminants are moving from the site, and Section 6.3 discusses sample collection and analytical procedures that will be used in all sampling.

6.1 SAMPLING DURING HAZARDOUS WASTE STORAGE AREA CLOSURE

Both soil and water sampling will be performed during the closure of the HWSA. The objective of the soil sampling will be to verify that soil left on the site after the removal of the underground storage tanks is acceptable and to characterize the material to be disposed of off of the site. Water sampling will be performed to establish that the decontamination water and the effluent from the on-site water treatment facility can be discharged to the local POTW. Samples will also be taken to confirm that the on-site water treatment plant is working properly.

6.1.1 Soil Sampling

Soil Sampling Plan

As is discussed in Section 6.2, four 25,000 gallon underground storage tanks will be removed as part of the closure of the HWSA. During tank excavation, all excavated soil will be stored in roll-off boxes. Material will be separated on the basis of visual inspection, with material which appears to be clean placed in one box and material which appears to be contaminated placed in another. Material in the boxes will be sampled as they are filled, with at least three samples per roll-off; one of the bottom third, one of the middle third and one of the top third. Additional samples will be taken if there is a visible change in the soil type or degree of contamination. Samples from each roll-off will be composited for laboratory analysis. Samples will be taken following the procedures outlined below, screened in the field for volatile organic compounds, and undergo laboratory analysis for the compounds listed in Table 5.2. Analytical results will be used to determine appropriate disposal for the soil.

After the removal of the tanks, the tank pit will be excavated to reveal the native soil or the original fill material (as opposed to tank cavity fill material). Soil samples will then be collected from the walls and floor of the excavation. A minimum of 12 samples will be taken at selected locations in the pit. All samples will be screened in the field for volatile organic compounds and sent to the laboratory for further analysis. Samples will be analyzed for the compounds listed in Table 5.2.

Soil Sampling Procedures

Sampling will proceed in accordance with Ohio EPA RCRA regulations and the requirements of the Ohio Department of Commerce, Division of State Fire Marshal, Bureau of Underground Storage Tank Regulation (BUSTR). Sample handling and analytical procedures which are common to all samples collected at the site are discussed in Section 6.3. Procedures which apply only to soil sampling during the closure are discussed below.

Each soil sample will be collected with a stainless steel trowel and evenly divided between two clean glass jars. One jar, intended for laboratory analysis, will be sealed with a Teflon™-lined lid. These samples will be packed in a cooler with ice and transported to the laboratory under the chain-of-custody procedures described in Section 6.3. Details of the sample containers that will be used for soil samples are presented in Table 6.1.

The second of the two jars will not be sent to the laboratory, but will be screened in the field for the presence of organic vapors. This jar will be sealed with aluminum foil and allowed to equilibrate for at least five minutes. The concentration of organic vapors in the headspace of the jar will then be tested using a photoionization detector (PID). If the air temperature is below 40°F, these samples will be set aside in a heated room and checked for vapors using the PID after they have warmed. This step is taken because PIDs are less accurate below 40°F.

All equipment which comes into direct contact with the sample will be thoroughly decontaminated prior to reuse. Decontamination will consist of a detergent wash, a clean water rinse, a methanol rinse and a deionized, organic-free water rinse. After the final rinse, the sampling equipment will be allowed to air dry on a clean, plastic covered surface before being re-used.

TABLE 6.1
RICKENBACKER ANGB, COLUMBUS, OHIO
ANALYTICAL METHODS AND COLLECTION SPECIFICATIONS
FOR SOIL SAMPLES

Parameter	Analytical Method (1)	Sample Container	Preservation Method	Holding Time
Volatile Organics	CLP/8240 ²	Brass split-spoon sampler sealed w/Teflon ^(R) or 8 oz., widemouth glass w/Teflon ^(R) liner	Cool, 4°C	10 days after receipt
Semi-Volatile Organics	CLP/8240 ²	8 oz, widemouth glass w/Teflon ^(R) liner	Cool, 4°C	Samples must be extracted within 5 days of receipt and extracts analyzed within 40 days
Metals: ³				
Antimony	6010			
Arsenic	7060			
Beryllium	6010			
Cadmium	6010			
Chromium	6010			
Copper	6010			
Lead	6010	8 oz, widemouth glass w/Teflon ^(R) liner	Cool, 4°C	6 months (except Mercury; 28 days)
Mercury	7470			
Nickel	6010			
Selenium	7841			
Silver	6010			
Thallium	7840			
Zinc	6010			

1. Source unless otherwise noted: SW 846, Test Methods for Evaluating Solid Wastes, U.S. EPA, November 1986.
2. 8240 and 8270 methods were used during 1988 investigations.
3. All samples for metals analysis were prepared by Method 3050.

6.1.2 Water Sampling

Water from Tank Cavity

During the UST removal, water will be pumped from the tank cavity to a temporary storage tank. Water from the tank cavity is expected to contain some phase-separated hydrocarbons, and it will therefore be passed through a separator tank before it enters the temporary storage tank. Hydrocarbons from the separator tank will be disposed off-site at an appropriate disposal facility. Water from the separator tank will pass to the temporary storage tank.

The temporary storage tank will be a carbon steel tank lined with a smooth material which will be compatible with the materials being stored. The capacity of the tank will be approximately 21,000 gallons. Liquids accumulated in the tank will be sampled and analyzed per the procedures outlined in Section 6.3. Disposal of the liquids will consist of hauling the liquids to a licensed treatment facility offsite as needed. The timing of the disposal and location of the facility will be supplied to the Ohio EPA at least five days prior to the hauling of the liquid.

Decontamination Water

Water used to decontaminate sampling equipment, construction equipment, and Building 560 will be stored at the site in a tank appropriate for this use. When all decontamination water has been collected, or when the tank is full, a composite sample will be taken from the tank by collecting samples at one-foot horizontal intervals. The sample will be analyzed to determine whether it can be discharged to the Columbus Sewer District or must be transported off-site for treatment at a facility licensed to treat the constituents found. The analyses performed will be determined by the requirements of the Columbus Sewer District or the off-site treatment facility and by the constituents expected in the used decontamination water. Samples will be handled according to procedures outlined in Section 6.3.

6.2 POST-CLOSURE GROUNDWATER SAMPLING

6.2.1 Groundwater Sampling Plan

After the HWSA closure activities described herein are complete, sampling will be instituted at two down-gradient groundwater monitoring wells (existing MW-11 and MW-12) to verify that contaminants at the HWSA are not migrating from the site.

Initially, the wells will be sampled quarterly, with sampling frequency and time-span to be re-evaluated on the basis of the results of each year's sampling (as allowed by OAC Rule 3745-65-92). All results of the monitoring will be reported to the Ohio EPA, as required by the Ohio Administrative Code (OAC Rule 3745-65-92). The samples will be analyzed for the constituents listed in Table 5.2. A discussion of sampling techniques specific to the groundwater sampling is given below. General sampling procedures will be as set forth in Section 6.3.

6.2.2 Groundwater Sampling Procedures

Prior to sampling each monitoring well, the static water level in the well will be measured, and the pH, temperature and conductivity of the water will be determined. The well will be purged by pumping or bailing until two to three total well water volumes (TWWV) have been removed and the pH, conductivity and temperature have stabilized ($\pm 10\%$), or until the well is dry. The TWWV includes water in the screen, riser and sand pack, and will be calculated for each well and recorded in the log book after the static water level is measured. If phase-separated hydrocarbons are present in either well, the depth-to-fluid, depth-to-water, and phase-separated hydrocarbon thickness will be determined prior to purging. The separated hydrocarbons will then be removed and disposed of appropriately. The first bailer full of water from the well will also be inspected for separate phase hydrocarbons.

The bailers and pumps used for purging will be constructed of Teflon™, stainless steel, and PVC. Samples will be collected using a Teflon™ Bailer with a dedicated polypropylene line. Plastic ground covering will be used at each well site to prevent surface soils from contaminating down-well sampling devices.

A portion of the water from the first bailer of water that is withdrawn from each well during each sampling event will be put into a bottle to be analyzed for volatile organic compounds. Other sample bottles will then be filled. Appropriate preservatives will be added to all sample bottles. Bottle types and preservatives to be used are summarized in Table 6.2.

One sample from each well will be collected for metals analysis and will be filtered in the field with a 0.45 micron mesh filter to remove suspended particles from the water. Filtered samples will be analyzed for the concentrations of metal dissolved in the water. Unfiltered samples from each well will also be analyzed for total metals concentrations. Vials used for containing samples to be analyzed for volatile organics

TABLE 6.2

RICKENBACKER ANGB, COLUMBUS, OHIO
ANALYTICAL METHODS AND COLLECTION SPECIFICATIONS FOR WATER SAMPLES

Parameter	Analytical Method (1)	Sample Container	Preservation Method	Holding Time
Volatile Organics	CLP	40 ml, glass, Teflon ^(R) -lined septum cap	HCL (4 drops), Cool, 4°C	10 days after receipt
Semi-Volatile Organics	CLP	1 Liter, amber glass, w/Teflon ^(R) liner	Cool, 4°C	Samples must be extracted within 5 days of receipt and extracts analyzed within 40 days
Total Metals:	6010 or:			
Antimony	7040/7041			
Arsenic	7060/7061			
Beryllium	7090/7091			
Cadmium	7130/7131			
Chromium	7190/7191			
Copper	7210			
Lead	7420/7421	2 liter plastic or glass	HNO ³ to pH < 2	6 months (except Mercury; 28 days)
Mercury	7470/7471			
Nickel	7520			
Selenium	7740/7741			
Silver	7760			
Thallium	7840/7841			
Zinc	7950			

1. Source unless otherwise noted: SW 846, Test Methods for Evaluating Solid Wastes, U.S. EPA, November 1986.
2. U.S. EPA, Methods for Chemical Analysis of Water and Wastes, March 1983.

will be checked to assure that no air bubbles are present before the samples are packaged for shipment.

The bailers, pump, and water level indicator used at each well will be decontaminated before use at the next well. The decontamination procedure will consist of a detergent wash, a clean water rinse, a methanol rinse, and a deionized, organic-free water rinse. The bailer will be allowed to air dry completely before subsequent use. The probe of the pH wand and the conductivity meter will be rinsed with deionized, organic-free water after each use. Purge water will be drummed and stored in a secure area pending proper disposal.

6.3 GENERAL SAMPLING PROCEDURES

6.3.1 Sample Custody and Documentation

The sample custody and documentation procedures described in this section will be followed during collection of soil and water samples at the HWSA both during the site closure and during post-closure monitoring. Personnel involved in chain-of-custody preparation and the transfer of samples will be trained in these procedures prior to implementation of the field program at the Base.

Field Log Books

Bound field log books will be maintained by the field team leader and other team members. Information pertinent to the field sampling will be recorded in the log books. Bound books with consecutively numbered pages will be used, and waterproof ink will be used for all entries. Entries in the log book will include at least the following:

- Name and title of author, date and time of entry, and physical/environmental conditions during field activity;
- Purpose of sampling activity;
- Name and address of field contact;
- Names and titles of field crew members;
- Names and titles of any site visitors;
- Type of sampled media (e.g., soil, sediment, groundwater, etc.);
- Sample collection method;

- Number and volume of sample(s) taken;
- Description of sampling point(s);
- Date and time of sample collection;
- Sample identification number(s);
- Sample distribution (e.g., laboratory);
- References for all maps and photographs of the sampling site(s);
- Field observations;
- Any field measurements made, such as pH, temperature, water level, etc.; and
- Weather conditions.

If an error is made in a log book, the person who made the entry will make the correction by crossing a line through the error and entering the correct information. The erroneous information should not be obliterated. All entries will be signed and dated, and all corrections will be initialed and dated.

Sample Labels

All physical samples obtained at the site will be placed in appropriate sample containers for shipment to the laboratory. Each sample bottle will be identified with a separate identification label. The information on the label will include the following information:

- Project identification;
- Sample identification;
- Preservatives added;
- Date of collection; and
- Required analytical method numbers.

Each sample will be assigned a unique sample identification number that describes where the sample was collected. Each number will consist of a group of letters and numbers separated by hyphens. The sample numbering system is presented in Table 6.3.

Chain-of-Custody Records

All samples will be accompanied by a Chain-of-Custody Record (Figure 6.4). A Chain-of-Custody Record (COC) will accompany the sample from sample collection and

shipment to the laboratory and through the laboratory. If samples are split and sent to different laboratories, a copy of the COC will be sent with each part of the sample.

The "Remarks" column on the COC will be used to record specific information associated with sample acquisition such as: sample type, container type, sample preservation methods, and method number of analyses to be performed. When samples are transferred, the individuals relinquishing and receiving the samples will note the date and time of transfer on the COC, and sign the document.

One copy of the COC will follow the samples to the laboratory. The laboratory will maintain one file copy, and the completed original will be returned to the project manager as a part of the final analytical report to serve as documentation for sample custody transfers.

6.3.2 Sample Handling, Packaging and Shipment

Precleaned sample bottles will be supplied by the laboratory or obtained from a commercial supplier. With the exception of bottles used for trip blanks, the bottles will be stored in their original unopened packages or in laboratory samplesavers until they are used at the collection site. Bottles used for trip blanks will be filled with organic-free water at the laboratory and resealed prior to shipment to the field.

The samples will be packaged in samplesavers with frozen "blue-ice" containers. If samplesavers are not used, individual sample bottles will be wrapped in bubble pack and placed in sealed plastic bags to prevent breakage during shipment to the laboratory. The packages will be placed in insulated shipping coolers with plastic bags of ice.

The COC describing the contents of the cooler will be placed in a sealed plastic bag and taped to the upper inside lid of the cooler, or placed in a samplesaver. The shipping container will be taped shut with security labels over the opposite ends of the lid. The container will then be shipped by air express courier for overnight delivery to the laboratory.

6.3.3 Quality Assurance Samples

Quality Assurance (QA) samples will be submitted to the laboratory with all water and soil samples. Blind duplicate samples will be given false sample numbers similar to ordinary sample numbers. The fact that the samples are duplicates will be recorded in field records, but will not appear on the sample bottle labels or on the

TABLE 6.3

SAMPLE NUMBERING SYSTEM
RICKENBACKER ANGB, COLUMBUS, OHIO

Project Identification:

RB for Rickenbacker

Site Identification:

HW for Hazardous Waste Storage Area

Sample Source Number (sequential):

MW _____
HB _____
AB _____
SU _____

Monitor Well #
Hand Boring #
Auger Boring #
Surface Sediment Sampling Location #

Sample Number:

GW _____
SS _____
GS _____

Ground Water
Soil Sample (Split-Spoon or HB)
Surface Soil Grab Sample

Example:

RB-HW-MW6-SS1

First soil sample from Monitor Well #6 drilled at the Hazardous Waste Storage Area at Rickenbacker ANGB.

COCs. Duplicate samples will provide a check on laboratory analytical accuracy. One duplicate sample for each analysis will be taken for each 10 soil samples and each 20 water samples submitted. Duplicate soil samples will be collected for analysis when contamination is suspected based on odor, discoloration, or the presence of organic vapors. Duplicate water samples will be collected where odor, pH readings or conductivity measurements suggest contamination.

Additional QA samples will consist of: one field blank (source water for decontamination appropriately preserved in the specified sample bottle) from each sampling period and water source; one equipment wash blank (deionized, organic-free water poured through the decontaminated sampling equipment into the sample bottle and appropriately preserved) for every other day of sampling; and one trip blank (VOA vial filled by the laboratory with deionized, organic-free water) in each cooler transporting samples for volatile organic analyses. Trip blanks serve to monitor for sample contamination that might occur during shipping and handling or from improperly cleaned sample bottles, field blanks serve to verify the quality of the water used for decontamination, and equipment wash blanks serve to test the effectiveness of decontamination procedures.

6.3.4 Analytical Methods and Detection Limits

Analytical methods which will be used in the analysis of soil and water are listed in Table 6.2. Method detection limits (MDLs) for each method are given in Table 6.5. The MDLs are determined using laboratory prepared standard solutions. The actual detection limit obtainable for an environmental sample may be higher due to interference introduced by the sample matrix. Practical quantitation limits (PQLs), also published with the analysis methods, represent the lower limits of the detectable concentrations that can be expected from environmental samples. They offer guidelines for establishment of the lower limit for quantitation.

TABLE 6.5
MINIMUM DETECTION LIMITS

METAL	ANALYSIS METHODS	WATER ug/L	SOIL mg/Kg
Antimony	6010	100	10
Arsenic	7060	5	0.5
Beryllium	6010	5	0.25
Cadmium	7131	5	0.5
Chromium	7191	5	0.25
Copper	6010	10	0.5
Lead	7421	5	0.25
Mercury	7470	0.2	0.25
Nickel	6010	40	2
Selenium	7740	5	0.5
Silver	7761	5	0.5
Thallium	6010	100	5
Zinc	6010	10	0.5

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7.0 PERSONNEL SAFETY AND FIRE PREVENTION

During the implementation of the Closure Plan, the health and safety of the construction personnel as well as visitors to the site will be guided by the plan outlined below.

The plan was developed to establish personal protection standards and mandatory safety practices and procedures. These measures were taken to protect all personnel (including contractors and visitors) involved in closure activities.

All workers reporting for duty at the site will be required to provide certification of completion of a 40-hour safety training course (or equivalent experience) as defined in 29 CFR 1910.120. This documentation will be maintained at the site by the Project Health and Safety Officer.

In addition, the Project Health and Safety Officer will be responsible for developing a training program to be presented to all personnel working at the site. The training will be conducted before work commences, and will include the following topics:

- Names of personnel responsible for site health and safety;
- Acute effects of compounds at the site;
- OSHA regulations;
- Safety, health and other hazards at the site;
- Work practices by which employees can minimize risk from hazards;
- Decontamination procedures; and
- Proper use of personnel protection equipment.

The Project Health and Safety Officer will also conduct daily briefings to discuss specific procedures and hazards which will be encountered that day and will ensure that field practices are consistent with the guidelines provided in OSHA's 29 CFR 1910.120, 1910.132, 1910.1200, and 1926, USEPA's Occupational Health and Safety Manual, and Chapter 9 of the USEPA's Standard Operating Safety Guidelines.

Environmental monitoring will be performed to determine the proper level of protective equipment necessary for the conditions at hand. Air monitoring will be used to identify and quantify airborne levels of hazardous substances. Periodic monitoring of volatile organic vapors in the breathing zone will be done using a PID. In the event of

discovery of additional potential air hazards, the monitoring program and protective equipment will be reevaluated to reflect these discoveries.

Personal levels of protection, as determined through use of the U. S. Department of Health and Human Services, National Institute for Occupational Safety and Health (NIOSH Respiration Decision Logic), will be adhered to. The Project Health and Safety Officer will be responsible for monitoring worker exposure, and determining the appropriate level of protective equipment.

The names and telephone numbers of emergency coordinator(s) and local emergency officials to be notified in case of emergency, as well as a map indicating the location of the nearest emergency care facility, will be prominently displayed at the site.

An Accident Prevention and Contingency Plan to deal with emergencies and accidental exposures has been developed and is included with the site-specific Health and Safety Plan.

A delineation of the work zones to be used during the closure (i.e., exclusion, contamination-reduction, and support zones) is presented on Sheet 9 and described in Section 5.0.

Decontamination procedures are fully detailed in the site-specific Health and Safety Plan, and involve the following:

- Personnel decontamination, including the removal of gross soil contamination from clothing and boots, on-site washing of hands and boots, removal of soiled clothing as soon as practicable, and personal hygiene practices to remove any residual contamination which may have penetrated clothing;
- Equipment decontamination, including the removal of gross soil contamination from the excavation equipment and sampling equipment, and the transportation of all equipment to the central equipment decontamination zone for thorough cleansing as outlined in the site-specific Health and Safety Plan;
- Containerization of soils generated from the above decontamination procedures pending proper disposal;

- Collection of runoff from the equipment decontamination area in collecting devices designed for that purpose and storage of the liquids pending proper disposal.

7.1 SITE SECURITY

The site is currently surrounded by a six-foot chain-link fence with locking gate. It is anticipated that this fence will remain throughout the course of the closure (see Sheet 9). Access to the site is limited further by overall Base security. A guard is on duty 24 hours a day at the Base gate.

Warning signs stating, "**DANGER - UNAUTHORIZED PERSONNEL KEEP OUT,**" or similar language will be posted around the permanent and temporary fencing. These site security measures meet the requirements of 40 CFR 265.14.

7.2 FIRE PREVENTION

An explosivity meter will be used during construction to monitor work in areas where a potentially explosive atmosphere exists. Tools used in areas with potentially explosive atmospheres will be of non-sparking materials.

8.0 SCHEDULE FOR CLOSURE

Table 8.1 presents the schedule for the implementation of this Closure Plan.

TABLE 8.1
SCHEDULE FOR CLOSURE

Work Description	Weeks from Acceptance of Plan
Decontamination Pad construction	0-4 weeks
UST Removal	4-10 weeks
Soil Removal	8-12 weeks
Building Cleanup	4-8 weeks
Construction of the Groundwater Treatment System	12-15 weeks
Start up of the system	15 weeks
Removal of decon pad	18-21 weeks
Initiate monthly monitoring of the system	19 weeks

Each of these work categories is considered a major activity, and the Ohio EPA will be notified at least five days prior to initiating each work category. The engineer of record for the project will visit the site during approximately the 20, 60 and 95 percent completion of each of the work categories.



9.0 CERTIFICATION OF CLOSURE

Rickenbacker ANGB will submit certification of closure to the Director of the Central District Office of the Ohio EPA, and to the Regional Administrator of the USEPA. The certification will be signed by the Base Civil Engineer, and by an independent qualified registered professional engineer who is licensed in the state of Ohio.

In accordance with Ohio Revised Code rule OAC 3745-50-42(D), the signatories to the certification of closure will make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

The certification will be submitted to the OEPA and USEPA within 60 days of completion of closure activities, via registered mail. The certification will include a report detailing the closure activities. These activities consist of pre-closure sampling, UST removal, post-removal sampling, groundwater remediation system design and construction, and post-closure care. The report will also document that the hazardous waste storage area has been closed in accordance with the Specifications of the approved Closure Plan. Additionally, this document will incorporate all laboratory records and correspondence regarding the closure activity after the Ohio EPA approval.

SECTION 10

10.0 POST-CLOSURE STATUS

The post-closure care of the site will be initiated upon completion of the work outlined in this Closure Plan. The care will continue for up to thirty years. If approval of a lesser time period for post-closure care is approved by the Ohio EPA, a lesser period will be conducted.

The post-closure care will consist of maintaining a secured perimeter and monitoring groundwater quality at the site. A chain-link fence with locking gate will surround the perimeter of the HWSA. This gate will be locked when not attended by authorized personnel. The Base security system monitors all entrants to the Base. The main road entry is monitored by a guard, other entrances are secured by locked gates. The location and dimensions of the fenced area will be determined by a registered professional surveyor with reference to a permanently surveyed benchmark. The survey plot of the area will note that disturbance or use of the area is restricted per OAC 3745-66-16.

The monitoring wells at the HWSA will be sampled quarterly, and analyzed for the presence of contaminants. Results of this analysis will be reported to the Ohio EPA as required by the Ohio Administrative Code.

11.0 COST ESTIMATES FOR CLOSURE

Rickenbacker Air National Guard Base is exempt from filing a closure cost estimate (40 CFR 265.14) because it is owned and operated by the Federal Government.

12.0 CLOSURE RULES

SECTION 13

13.0 REFERENCES

Documents used in the preparation of this Plan include the following:

- Hazardous Materials Technical Center, 1987, Installation Restoration Program: Phase I. Records Search, Rickenbacker Air National Guard Base, Columbus, Ohio, June 1987.
- Schmidt, J.J., and Goldthwait, R.P., 1958, The Ground-Water Resources of Franklin County, Ohio: Bulletin 30, Ohio Department of Natural Resources, Division of Water, 1958.
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- Martin Marietta Energy Systems, Inc., 1987, Statement of Work for Site Inspection, Remedial Investigation, Feasibility Study, and Remedial Design at Rickenbacker Air National Guard Base, Columbus, Ohio, August 31, 1987.
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- HAZWRAP Support Contractor Office, 1990b, Rickenbacker ANGB, Columbus, Ohio: Determination of Phase-Separated Hydrocarbon Extent at The Hazardous Waste Storage Area, Draft, October, 1990.
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- Schobert, Harold H., ed, Coal Science II, 1989 Symposium of the American Chemical Society.
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APPENDIX A

APPENDIX A
ANALYTICAL RESULTS

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS			DETECTION		
						FOR	RESULTS	QUALIFIER	UNITS	LIMIT	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Anthracene	130	J	ug/kg	330	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	1500		ug/kg	330	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	1500		ug/kg	330	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene	740		ug/kg	330	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene	770		ug/kg	330	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	750		ug/kg	330	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(k)Fluoranthene	530		ug/kg	330	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	650		ug/kg	330	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Indeno(1,2,3-cd)Pyrene	440		ug/kg	330	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(g,h,i)Perylene	380		ug/kg	330	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4.6	UNJ	mg/kg	6	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	9.6	BNJ	mg/kg	1	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.45	B	mg/kg	0.5	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	0.68		mg/kg	0.5	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	14.4	NJ	mg/kg	1	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	15.8	*	mg/kg	2.5	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	110		mg/kg	0.3	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.099	B	mg/kg	0.1	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	14.1		mg/kg	4	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.2	U	mg/kg	0.5	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.75	U	mg/kg	1	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.53	UNWJ	mg/kg	1	
SU-19	A-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	98.8	NJ	mg/kg	2	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4	UNJ	mg/kg	6	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	13.1	BNJ	mg/kg	1	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	1.8	NJ	mg/kg	0.5	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	0.19	U	mg/kg	0.5	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	9.1	NJ	mg/kg	1	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	15.3	*	mg/kg	2.5	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	22.9		mg/kg	0.3	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.062	BU	mg/kg	0.1	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	15.2	BW	mg/kg	4	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.2	U	mg/kg	0.5	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.66		mg/kg	1	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.47	UNWJ	mg/kg	1	
SU-20	A-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	71	NJ	mg/kg	2	

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						ALL SEMI - VOLATILES	FOR				
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Antimony	SV	ND	NA	ug/kg	NA
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	M	4.8	UNJ	mg/kg	6
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	M	6.8	BNJ	mg/kg	1
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	M	0.36	B	mg/kg	0.5
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	M	0.24	B	mg/kg	0.5
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	M	3.6	NJ	mg/kg	1
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	M	11	*	mg/kg	2.5
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	M	25.7	U	mg/kg	0.3
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	M	0.06	U	mg/kg	0.1
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	M	11.9	BW	mg/kg	4
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	M	0.23	U	mg/kg	0.5
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	M	0.78	UNWJ	mg/kg	1
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	M	0.53	NJ	mg/kg	1
SU-21	A-4	0-2	OUT	SURFACE SOIL SAMPLE	M		M	34.4	NJ	mg/kg	2
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	SV	Phenanthrene	SV	290	J	ug/kg	330
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	SV	600		ug/kg	330
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	SV	570		ug/kg	330
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene	SV	280	J	ug/kg	330
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene	SV	320	J	ug/kg	330
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	SV	350	J	ug/kg	330
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	SV	250	J	ug/kg	330
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	SV	Indeno(1,2,3-cd)Pyrene	SV	180	J	ug/kg	330
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(g,h,i)Perylene	SV	160	J	ug/kg	330
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	M	4.8	UNJ	mg/kg	6
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	M	6.4	BNJ	mg/kg	1
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	M	0.6		mg/kg	0.5
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	M	0.24	B	mg/kg	0.5
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	M	8.6	NJ	mg/kg	1
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	M	12.6	*	mg/kg	2.5
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	M	43.8	U	mg/kg	0.3
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	M	0.053	U	mg/kg	0.1
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	M	12.2		mg/kg	4
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	M	0.21	UW	mg/kg	0.5
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	M	0.79	U	mg/kg	1
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	M	0.54	UNWJ	mg/kg	1
SU-22	A-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	M	68.4	NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

ANALYSIS					DETECTION					
SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	FOR	RESULTS	QUALIFIER	UNITS	LIMIT
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Phenanthrene	280	J	ug/kg	330
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	590		ug/kg	330
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	570	J	ug/kg	330
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene	260	J	ug/kg	330
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene	290	J	ug/kg	330
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	520		ug/kg	330
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	260	J	ug/kg	330
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4.8	UNJ	mg/kg	6
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	10.8	BNJ	mg/kg	1
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.96		mg/kg	0.5
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	0.23	U	mg/kg	0.5
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	14.7	NJ	mg/kg	1
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	18.6	*	mg/kg	2.5
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	52.9		mg/kg	0.3
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.09	B	mg/kg	0.1
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	21.4		mg/kg	4
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.2	U	mg/kg	0.5
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.79	U	mg/kg	1
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.54	UNWJ	mg/kg	1
SU-23	A-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	106	NJ	mg/kg	2
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	140	J	ug/kg	330
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	150	J	ug/kg	330
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4.5	UNJ	mg/kg	6
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	15.2	NJ	mg/kg	1
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.67		mg/kg	0.5
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	0.22	B	mg/kg	0.5
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	14.1	NJ	mg/kg	1
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	17.8	*	mg/kg	2.5
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	68.4		mg/kg	0.3
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.058	U	mg/kg	0.1
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	24.1		mg/kg	4
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.18	UW	mg/kg	0.5
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.74	U	mg/kg	1
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.46	UNWJ	mg/kg	1
SU-24	A-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	95.7	NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene	150	J	ug/kg	330
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene	150	J	ug/kg	330
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	3.8	UNJ	mg/kg	6
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	17.3		mg/kg	0.5
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.66		mg/kg	0.5
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	0.47		mg/kg	1
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	14.5		mg/kg	2.5
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	23.3	NJ	mg/kg	0.3
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	22.4	N-J	mg/kg	0.1
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	0.059	U	mg/kg	4
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	24.4		mg/kg	0.5
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.31	BW	mg/kg	1
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.62	U	mg/kg	1
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.21	BNWJ	mg/kg	2
SU-25	B-2	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	84	NJ	mg/kg	2
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Phenanthrene	550		ug/kg	330
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene	1100		ug/kg	330
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene	1100		ug/kg	330
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene	520		ug/kg	330
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Chrysene	560		ug/kg	330
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	1000		ug/kg	330
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	510		ug/kg	330
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(1,2,3-cd)Pyrene	330	J	ug/kg	330
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(g,h,i)Perylene	330	J	ug/kg	330
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	4.9	UNJ	mg/kg	6
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	12.5	NJ	mg/kg	0.5
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.49	B	mg/kg	0.5
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	1.4		mg/kg	1
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	18.6	N	mg/kg	1
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	31.6	*	mg/kg	2.5
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	90.7	U	mg/kg	0.3
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	2.6		mg/kg	0.1
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	20.2		mg/kg	4
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.74	BW	mg/kg	0.5
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	7.2	U	mg/kg	1
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.56	UNWJ	mg/kg	1
SU-26	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	203	NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

ANALYSIS						DETECTION				
SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	FOR	RESULTS	QUALIFIER	UNITS	LIMIT
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	4.3	UNJ	mg/kg	6
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	14	NJ	mg/kg	0.5
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.65		mg/kg	0.5
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	0.2	U	mg/kg	1
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	14.1	N	mg/kg	1
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	20.2	*	mg/kg	2.5
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	59.8		mg/kg	0.3
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	0.052	U	mg/kg	0.1
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	23.5		mg/kg	4
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.26	B	mg/kg	0.5
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.71	U	mg/kg	1
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.48	UNWJ	mg/kg	1
SU-27	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	89.3	NJ	mg/kg	2
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	4.8	UNJ	mg/kg	6
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	10.8	BNJ	mg/kg	0.5
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.68		mg/kg	0.5
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	0.22	U	mg/kg	1
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	13.8	N	mg/kg	1
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	17.4	*	mg/kg	2.5
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	43.2		mg/kg	0.3
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	0.064	U	mg/kg	0.1
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	18.8		mg/kg	4
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.48	B	mg/kg	0.5
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.75	U	mg/kg	1
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.58	UNWJ	mg/kg	1
SU-28	B-5	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	95	NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR					
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	SV		Pyrene	260	J	ug/kg	330
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	SV		Fluoranthene	220	J	ug/kg	330
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	SV		Benzo(a)Anthracene	140	J	ug/kg	330
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	SV		Chrysene	160	J	ug/kg	330
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	SV		Benzo(b)Fluoranthene	160	J	ug/kg	330
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	SV		Benzo(k)Fluoranthene	130	J	ug/kg	330
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	SV		Benzo(a)Pyrene	140	J	ug/kg	330
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Antimony	4.7	UNJ	mg/kg	6
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Arsenic	11.9	NJ	mg/kg	0.5
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Beryllium	0.93		mg/kg	0.5
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Cadmium	0.22	U	mg/kg	1
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Chromium	11.1	N	mg/kg	1
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Copper	20.8	*	mg/kg	2.5
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Lead	32.1		mg/kg	0.3
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Mercury	0.058	U	mg/kg	0.1
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Nickel	21.5		mg/kg	4
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Selenium	0.34	BW	mg/kg	0.5
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Silver	0.77	U	mg/kg	1
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Thallium	0.49	UNW	mg/kg	1
SU-29	B-6	0-2	IN	SURFACE SOIL SAMPLE	M		Zinc	109	N	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR	UNITS				
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	ug/kg	170	J	ug/kg	330
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	ug/kg	210	J	ug/kg	330
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene	ug/kg	130	J	ug/kg	330
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene	ug/kg	140	J	ug/kg	330
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	ug/kg	220	J	ug/kg	330
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(k)Fluoranthene	ug/kg	190	J	ug/kg	330
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	ug/kg	230	J	ug/kg	330
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Indeno(1,2,3-cd)Pyrene	ug/kg	200	J	ug/kg	330
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(g,h,i)Perylene	ug/kg	220	J	ug/kg	330
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	mg/kg	4.9	UNJ	mg/kg	6
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	mg/kg	8.6	BNJ	mg/kg	0.5
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	mg/kg	0.49	B	mg/kg	0.5
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	mg/kg	0.23	U	mg/kg	1
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	mg/kg	14.4	NJ	mg/kg	1
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	mg/kg	14	*	mg/kg	2.5
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	mg/kg	65.1	U	mg/kg	0.3
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	mg/kg	0.052	U	mg/kg	0.1
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	mg/kg	13.9		mg/kg	4
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	mg/kg	0.36	BW	mg/kg	0.5
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	mg/kg	0.81	U	mg/kg	1
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	mg/kg	0.54	UNJW	mg/kg	1
SU-30	B-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	mg/kg	76.3	NJ	mg/kg	2
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	ALL SEMI-VOLATILES	ug/kg	ND	NA	ug/kg	NA
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	mg/kg	5.3	UNJ	mg/kg	6
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	mg/kg	6.9	BNWJ	mg/kg	0.5
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	mg/kg	0.66		mg/kg	0.5
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	mg/kg	0.53	B	mg/kg	1
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	mg/kg	12.8	NJ	mg/kg	1
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	mg/kg	13	*	mg/kg	2.5
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	mg/kg	48.8		mg/kg	0.3
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	mg/kg	0.064	U	mg/kg	0.1
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	mg/kg	16		mg/kg	4
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	mg/kg	0.59	B	mg/kg	0.5
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	mg/kg	0.87	U	mg/kg	1
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	mg/kg	0.58	UNJW	mg/kg	1
SU-31	C-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	mg/kg	59	NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	4.9	UNJ	mg/kg	6
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	18.1	NJ	mg/kg	0.5
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.73		mg/kg	0.5
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	0.49	B	mg/kg	1
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	16.2	NJ	mg/kg	1
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	22.6	*	mg/kg	2.5
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	41.6		mg/kg	0.3
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	0.061	U	mg/kg	0.1
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	27.3		mg/kg	4
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.18	UW	mg/kg	0.5
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.81	U	mg/kg	1
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.48	UNJW	mg/kg	1
SU-32	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	113	NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE # GRID # DEPTH				IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Phenanthrene		920		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Anthracene	J	180		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene		1900		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene		2300		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene		1400		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Chrysene		1400		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene		1400		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(k)Fluoranthene		1200		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene		1300		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Indeno(1,2,3-cd)Pyrene		600		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Dibenz(a,h)Anthracene	J	240		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(g,h,i)Perylene		580		ug/kg	330
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	UNJ	5		mg/kg	6
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic		20		mg/kg	0.5
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium		0.75		mg/kg	0.5
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium		0.63		mg/kg	1
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium		13.2		mg/kg	1
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	NJ	25.5		mg/kg	2.5
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	N*J	112		mg/kg	0.3
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	U	0.064		mg/kg	0.1
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel		24.5		mg/kg	4
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	BW	0.49		mg/kg	0.5
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	U	0.83		mg/kg	1
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	BNWJ	0.19		mg/kg	1
SU-33	C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	NJ	124		mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	4.3	UNJ	mg/kg	6
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	15.8	NJ	mg/kg	0.5
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.53		mg/kg	0.5
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	0.2	U	mg/kg	1
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	11.5	NJ	mg/kg	1
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	20.6	*	mg/kg	2.5
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	19.5		mg/kg	0.3
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	0.057	U	mg/kg	0.1
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	24.8		mg/kg	4
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.39	BW	mg/kg	0.5
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.7	U	mg/kg	1
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.52	UNWJ	mg/kg	1
SU-34	C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	75.5	NJ	mg/kg	2
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	SV	Phenanthrene	230	J	ug/kg	330
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene	420		ug/kg	330
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene	340	J	ug/kg	330
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene	180	J	ug/kg	330
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	SV	Chrysene	210	J	ug/kg	330
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	250	J	ug/kg	330
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	200	J	ug/kg	330
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	4.5	UNJ	mg/kg	6
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	7.9	BNWJ	mg/kg	0.5
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.79		mg/kg	0.5
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	0.23	B	mg/kg	1
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	14.3	NJ	mg/kg	1
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	17	*	mg/kg	2.5
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	27.1		mg/kg	0.3
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	0.062	U	mg/kg	0.1
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	19.7		mg/kg	4
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.2	U	mg/kg	0.5
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.74	U	mg/kg	1
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.54	UNWJ	mg/kg	1
SU-35	C-6	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	93.9	NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

ANALYSIS						DETECTION				
SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	FOR	RESULTS	QUALIFIER	UNITS	LIMIT
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4.1	UNJ	mg/kg	6
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	9.9	B	mg/kg	0.5
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.41	B	mg/kg	0.5
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	0.31	B*	mg/kg	1
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	8.7		mg/kg	1
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	15	*	mg/kg	2.5
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	24.8	*	mg/kg	0.3
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.042	U	mg/kg	0.1
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	17.9	*	mg/kg	4
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.25	BW	mg/kg	0.5
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.68	U	mg/kg	1
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.47	UNWJ	mg/kg	1
SU-36	C-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	60.2	N*J	mg/kg	2
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4.2	UNJ	mg/kg	6
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	17.6		mg/kg	0.5
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.74		mg/kg	0.5
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	0.2	U*	mg/kg	1
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	15.7		mg/kg	1
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	21.9	*	mg/kg	2.5
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	28.7	*	mg/kg	0.3
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.066	U	mg/kg	0.1
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	28.6	*	mg/kg	4
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.25	BW	mg/kg	0.5
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.7	U	mg/kg	1
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.54	UNWJ	mg/kg	1
SU-37	C-8	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	95.1	N*J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Acenaphthene	170	J	ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluorene	150	J	ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Phenanthrene	2000		ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Anthracene	300	J	ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	2300		ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	2100		ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene	810		ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene	860		ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	790		ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(k)Fluoranthene	590		ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	840		ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Indeno(1,2,3-cd)Pyrene	560		ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(g,h,i)Perylene	490		ug/kg	330
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4.9	UNJ	mg/kg	6
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	13.8		mg/kg	0.5
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.62		mg/kg	0.5
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	0.37	B*	mg/kg	1
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	13.7		mg/kg	1
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	22.9	*	mg/kg	2.5
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	37.4	*	mg/kg	0.3
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.062	U	mg/kg	0.1
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	23.3	*	mg/kg	4
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.32	BW	mg/kg	0.5
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.81	U	mg/kg	1
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.55	UNWJ	mg/kg	1
SU-38	D-1	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	91.9	N*J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

ANALYSIS FOR						RESULTS	QUALIFIER	UNITS	DETECTION LIMIT	
SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY					
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene	150	J	ug/kg	330
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	5.1	UNJ	mg/kg	6
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	12.1	B	mg/kg	0.5
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.63		mg/kg	0.5
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	0.38	B*	mg/kg	1
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	22.8		mg/kg	1
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	30.8	*	mg/kg	2.5
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	73.4	*	mg/kg	0.3
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	0.058	U	mg/kg	0.1
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	26.4	*	mg/kg	4
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.29	BW	mg/kg	0.5
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.83	U	mg/kg	1
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.66	BNWJ	mg/kg	1
SU-39	D-2	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	198	N*J	mg/kg	2
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Phenanthrene	130	J	ug/kg	330
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene	300	J	ug/kg	330
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene	340	J	ug/kg	330
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Chrysene	310	J	ug/kg	330
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(h)Fluoranthene	300	J	ug/kg	330
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(k)Fluoranthene	170	J	ug/kg	330
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	150	J	ug/kg	330
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	5.2	UNJ	mg/kg	6
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	19.8		mg/kg	0.5
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.78		mg/kg	0.5
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	0.39	B*	mg/kg	1
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	22.7		mg/kg	1
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	38.1	*	mg/kg	2.5
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	44.3	*	mg/kg	0.3
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	0.074	B	mg/kg	0.1
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	30.5	*	mg/kg	4
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.32	BW	mg/kg	0.5
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.86	U	mg/kg	1
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.95	BNWJ	mg/kg	1
SU-40	D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	139	N*J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		DETECTION	
						FOR	RESULTS	QUALIFIER	UNITS
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene	330	J	ug/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene	300	J	ug/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Chrysene	200	J	ug/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	240	J	ug/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	170	J	ug/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	5.1	UNJ	mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	17.8		mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.38	B	mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	0.24	U*	mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	12.8		mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	25.8	*	mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	39.2	*	mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	0.061	U	mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	21.5	*	mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.22	U	mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.83	U	mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.6	BNWJ	mg/kg
SU-41	D-4	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	87.9	N*J	mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene	160	J	ug/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene	190	J	ug/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	5.3	UNJ	mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	16.7		mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.53	B	mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	0.26	B*	mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	16		mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	32.6	*	mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	35	*	mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	0.067	U	mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	30.9	*	mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.38	B	mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.87	U	mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.61	UNWJ	mg/kg
SU-42	D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	109	N*J	mg/kg

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION	
						FOR	SV				UNIT	UNIT
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		ALL SEMI-VOLATILES	SV	ND	NA	ug/kg	NA	NA
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Antimony	M	4.7	UNJ	mg/kg	6	6
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Arsenic	M	8.3	B	mg/kg	0.5	0.5
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Beryllium	M	0.58		mg/kg	0.5	0.5
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Cadmium	M	0.22	U*	mg/kg	1	1
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Chromium	M	17.5		mg/kg	1	1
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Copper	M	29.2	*	mg/kg	2.5	2.5
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Lead	M	26.4	*	mg/kg	0.3	0.3
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Mercury	M	0.06	U	mg/kg	0.1	0.1
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Nickel	M	31.8	*	mg/kg	4	4
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Selenium	M	0.25	B	mg/kg	0.5	0.5
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Silver	M	0.76	U	mg/kg	1	1
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Thallium	M	0.54	UNWJ	mg/kg	1	1
SU-43	D-6	0-2	IN	SURFACE SOIL SAMPLE		Zinc	M	118	N*J	mg/kg	2	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	2-Chlorophenol	8	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	3-Nitroaniline	24	J	ug/kg	1600
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Acenaphthene	2	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	4-Nitroaniline	30	J	ug/kg	1600
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Phenanthrene	18	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	bis(2-Chlorethyl)ether	8	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Anthracene	17	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	16	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	39	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene	35	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene	36	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	48	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	50	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Indeno(1,2,3-cd)Pyrene	20	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(g,h,i)Perylene	56	J	ug/kg	330
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4.7	UNJ	mg/kg	6
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	7.6	B	mg/kg	0.5
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.47	B	mg/kg	0.5
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	1.6	*	mg/kg	1
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	14	*	mg/kg	1
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	45.3	*	mg/kg	2.5
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	77	*	mg/kg	0.3
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.055	U	mg/kg	0.1
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	17.9	*	mg/kg	4
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.17	UW	mg/kg	0.5
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.77	U	mg/kg	1
SU-14	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.45	UNWJ	mg/kg	1
SU-44	D-7	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	68.3	N*J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

ANALYSIS						DETECTION				
SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	FOR	RESULTS	QUALIFIER	UNITS	LIMIT
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Phenanthrene	11000		ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Anthracene	2200	J	ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	23000		ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	25000		ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene	15000		ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene	17000		ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(k)Fluoranthene	20000		ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	14000		ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	15000		ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Indeno(1,2,3-cd)Pyrene	10000		ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Dibenz(a,h)Anthracene	3500		ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(g,h,i)Perylene	8600		ug/kg	330
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4.3	UNJ	mg/kg	6
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	4.8	B	mg/kg	0.5
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.25	U	mg/kg	0.5
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	1.9	*	mg/kg	1
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	12.5	*	mg/kg	1
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	11.9	*	mg/kg	2.5
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	32.4	*	mg/kg	0.3
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.053	U	mg/kg	0.1
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	13.8	*	mg/kg	4
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.19	UW	mg/kg	0.5
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.71	U	mg/kg	1
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.5	UNWJ	mg/kg	1
SU-45	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	43.9	N*J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Phenanthrene	5100		ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Anthracene	970	J	ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	7500		ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	11000		ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene	5800		ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene	6700		ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	8400		ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(k)Fluoranthene	6000		ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	6600		ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Indeno(1,2,3-cd)Pyrene	4800		ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Dibenz(a,h)Anthracene	1900	J	ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(g,h,i)Perylene	4700		ug/kg	330
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4.2	UNJ	mg/kg	6
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	7.2	B	mg/kg	0.5
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.48	B	mg/kg	0.5
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	1.6	*	mg/kg	1
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	13.8	*	mg/kg	1
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	18.4	*	mg/kg	2.5
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	54.9	*	mg/kg	0.3
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.056	U	mg/kg	0.1
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	19.7	*	mg/kg	4
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.23	BW	mg/kg	0.5
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	1.8		mg/kg	1
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.51	UNWJ	mg/kg	1
SU-46	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	113	N-J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	160	J	ug/kg	330
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	130	J	ug/kg	330
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4.7	UNJ	mg/kg	6
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	14.4		mg/kg	0.5
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.59		mg/kg	0.5
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	0.59	*	mg/kg	1
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	18		mg/kg	1
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	29.3	*	mg/kg	2.5
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	41.2	*	mg/kg	0.3
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.056	U	mg/kg	0.1
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	29.6	*	mg/kg	4
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.44	BW	mg/kg	0.5
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.77	U	mg/kg	1
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.49	UNWJ	mg/kg	1
SU-47	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	111	N*J	mg/kg	2
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Phenanthrene	170	J	ug/kg	330
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	380	J	ug/kg	330
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	270	J	ug/kg	330
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene	170	J	ug/kg	330
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	130	J	ug/kg	330
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	4.9	UNJ	mg/kg	6
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	16.8	S	mg/kg	0.5
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.49	B	mg/kg	0.5
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	0.85	*	mg/kg	1
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	15.4		mg/kg	1
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	32.7	*	mg/kg	2.5
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	43.7	*	mg/kg	0.3
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.06	U	mg/kg	0.1
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	31.6	*	mg/kg	4
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.59	BW	mg/kg	0.5
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.8	U	mg/kg	1
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.56	UNWJ	mg/kg	1
SU-48	E-6	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	196	N*J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Phenanthrene	240	J	ug/kg	330
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene	450		ug/kg	330
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene	460		ug/kg	330
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene	220	J	ug/kg	330
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Chrysene	250	J	ug/kg	330
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(k)Fluoranthene	130	J	ug/kg	330
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	320	J	ug/kg	330
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	220	J	ug/kg	330
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Indeno(1,2,3-cd)Pyrene	140	J	ug/kg	330
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	4.9	UNJ	mg/kg	6
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	16.8	S	mg/kg	0.5
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.49	B	mg/kg	0.5
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	0.85	*	mg/kg	1
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	15.4		mg/kg	1
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	32.7	*	mg/kg	2.5
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	43.7	*	mg/kg	0.3
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	0.06	U	mg/kg	0.1
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	31.6	*	mg/kg	4
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	0.59	BW	mg/kg	0.5
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.8	U	mg/kg	1
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	0.56	UNWJ	mg/kg	1
SU-49	B-4	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	196	N*J	mg/kg	2
AB1-SS1	B-2	3-5	IN	AUGER BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA
AB1-SS1	B-2	3-5	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Antimony	4.8	UNR	mg/kg	6
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Arsenic	22.9	NJ	mg/kg	1
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Beryllium	0.59		mg/kg	0.5
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Cadmium	0.47	B	mg/kg	0.5
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Chromium	17.3		mg/kg	1
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Copper	34.7		mg/kg	2.5
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Lead	22		mg/kg	0.3
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Mercury	0.059	U	mg/kg	0.1
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Nickel	35.3		mg/kg	4
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Selenium	0.2	UNWJ	mg/kg	0.5
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Silver	0.78	U	mg/kg	1
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Thallium	1.2	BNJ	mg/kg	1
AB1-SS1	B-2	3-5	IN	AUGER BORING	M	Zinc	101		mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

ANALYSIS						DETECTION				
SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	FOR	RESULTS	QUALIFIER	UNITS	LIMIT
AB1-SS2	B-2	8-10	IN	AUGER BORING	V	Ethylbenzene	6700		ug/kg	5
AB1-SS2	B-2	8-10	IN	AUGER BORING	V	m/p-Xylene	6000		ug/kg	5
AB1-SS2	B-2	8-10	IN	AUGER BORING	V	o-Xylene	12000		ug/kg	5
AB1-SS2	B-2	8-10	IN	AUGER BORING	SV	Naphthalene	130	J	ug/kg	330
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Antimony	4.7	UNR	mg/kg	6
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Arsenic	16.1	NJ	mg/kg	1
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Beryllium	0.35	B	mg/kg	0.5
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Cadmium	0.35	B	mg/kg	0.5
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Chromium	10.8		mg/kg	1
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Copper	25.6		mg/kg	2.5
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Lead	22.8	*	mg/kg	0.3
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Mercury	0.058	U	mg/kg	0.1
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Nickel	29		mg/kg	4
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Selenium	0.52	BNWJ	mg/kg	0.5
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Silver	0.77	U	mg/kg	1
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Thallium	0.47	BNJ	mg/kg	1
AB1-SS2	B-2	8-10	IN	AUGER BORING	M	Zinc	92.1		mg/kg	2
AB2-SS1	B-4	3-5	IN	AUGER BORING	V	Benzene	1	J	ug/kg	5
AB2-SS1	B-4	3-5	IN	AUGER BORING	SV	Naphthalene	1200		ug/kg	330
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Antimony	4.6	UNR	mg/kg	6
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Arsenic	18.8	NJ	mg/kg	1
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Beryllium	0.57	B	mg/kg	0.5
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Cadmium	0.34	B	mg/kg	0.5
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Chromium	14.9		mg/kg	1
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Copper	30.3		mg/kg	2.5
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Lead	17.9		mg/kg	0.3
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Mercury	0.057	U	mg/kg	0.1
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Nickel	37.6		mg/kg	4
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Selenium	0.19	UNWJ	mg/kg	0.5
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Silver	0.75	U	mg/kg	1
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Thallium	1.1	BNJ	mg/kg	1
AB2-SS1	B-4	3-5	IN	AUGER BORING	M	Zinc	91.1		mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR					
AB2-SS2	B-4	8-10	IN	AUGER BORING	V	ALL VOLATILES	ND	NA	NA	ug/kg	NA
AB2-SS2	B-4	8-10	IN	AUGER BORING	SV	Naphthalene	1800	UNR	330	ug/kg	330
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Antimony	4.7	NJ	6	mg/kg	6
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Arsenic	13.7	B	1	mg/kg	1
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Beryllium	0.35	B	0.5	mg/kg	0.5
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Cadmium	0.35	B	0.5	mg/kg	0.5
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Chromium	13.4		1	mg/kg	1
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Copper	25.9		2.5	mg/kg	2.5
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Lead	15.3		0.3	mg/kg	0.3
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Mercury	0.085	U	0.1	mg/kg	0.1
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Nickel	25.9		4	mg/kg	4
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Selenium	0.59	NJ	0.5	mg/kg	0.5
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Silver	0.77	U	1	mg/kg	1
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Thallium	0.72	BNJ	1	mg/kg	1
AB2-SS2	B-4	8-10	IN	AUGER BORING	M	Zinc	84		2	mg/kg	2
AB3-SS1	B-5	3-5	IN	AUGER BORING	V	ALL VOLATILES	ND	NA	NA	ug/kg	NA
AB3-SS1	B-5	3-5	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ND	NA	NA	ug/kg	NA
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Antimony	4.7	UNR	6	mg/kg	6
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Arsenic	20.4	NJ	1	mg/kg	1
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Beryllium	0.58		0.5	mg/kg	0.5
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Cadmium	0.58		0.5	mg/kg	0.5
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Chromium	17.4		1	mg/kg	1
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Copper	24.9		2.5	mg/kg	2.5
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Lead	20.1		0.3	mg/kg	0.3
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Mercury	0.06	U	0.1	mg/kg	0.1
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Nickel	25.2		4	mg/kg	4
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Selenium	0.32	BNJ	0.5	mg/kg	0.5
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Silver	0.77	U	1	mg/kg	1
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Thallium	0.59	BNJ	1	mg/kg	1
AB3-SS1	B-5	3-5	IN	AUGER BORING	M	Zinc	82.6		2	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION	
						FOR	FOR				LIMIT	LIMIT
AB3-SS2	B-5	8-10	IN	AUGER BORING	V	ALL SEMI-VOLATILES	Benzene	39	NA	ug/kg	5	5
AB3-SS2	B-5	8-10	IN	AUGER BORING	SV	Antimony	Antimony	ND	UNR	ug/kg	NA	NA
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Arsenic	Arsenic	4.5	NJ	mg/kg	6	6
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Beryllium	Beryllium	12.8	B	mg/kg	1	1
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Cadmium	Cadmium	0.34	B	mg/kg	0.5	0.5
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Chromium	Chromium	0.45	B	mg/kg	0.5	0.5
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Copper	Copper	10.8		mg/kg	1	1
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Lead	Lead	28		mg/kg	2.5	2.5
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Mercury	Mercury	14.8	U	mg/kg	0.3	0.3
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Nickel	Nickel	0.057		mg/kg	0.1	0.1
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Selenium	Selenium	21.8	NWJ	mg/kg	4	4
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Silver	Silver	0.55	U	mg/kg	0.5	0.5
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Thallium	Thallium	0.74	BNJ	mg/kg	1	1
AB3-SS2	B-5	8-10	IN	AUGER BORING	M	Zinc	Zinc	0.36		mg/kg	1	1
AB3-SS2	B-5	8-10	IN	AUGER BORING	M			80.9		mg/kg	2	2
AB4-SS1	B-6	3-5	IN	AUGER BORING	V	ALL VOLATILES	ALL VOLATILES	ND	NA	ug/kg	NA	NA
AB4-SS1	B-6	3-5	IN	AUGER BORING	SV	Fluoranthene	Fluoranthene	180	J	ug/kg	330	330
AB4-SS1	B-6	3-5	IN	AUGER BORING	SV	Pyrene	Pyrene	180	J	ug/kg	330	330
AB4-SS1	B-6	3-5	IN	AUGER BORING	SV	Benzo(b) Fluoranthene	Benzo(b) Fluoranthene	170	J	ug/kg	330	330
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Antimony	Antimony	5	UNR	mg/kg	6	6
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Arsenic	Arsenic	15.2	NJ	mg/kg	1	1
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Beryllium	Beryllium	1		mg/kg	0.5	0.5
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Cadmium	Cadmium	0.5	B	mg/kg	0.5	0.5
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Chromium	Chromium	22.3		mg/kg	1	1
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Copper	Copper	21.2		mg/kg	2.5	2.5
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Lead	Lead	382	*	mg/kg	0.3	0.3
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Mercury	Mercury	0.06	U	mg/kg	0.1	0.1
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Nickel	Nickel	21.8		mg/kg	4	4
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Selenium	Selenium	0.47	BNJ	mg/kg	0.5	0.5
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Silver	Silver	0.83	U	mg/kg	1	1
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Thallium	Thallium	0.61	BNJ	mg/kg	1	1
AB4-SS1	B-6	3-5	IN	AUGER BORING	M	Zinc	Zinc	166		mg/kg	2	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE # GRID # DEPTH IN/OUT DESCRIPTION CATEGORY ANALYSIS FOR RESULTS QUALIFIER UNITS DETECTION LIMIT											
SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
AB4-SS2	B-6	8-10	IN	AUGER BORING	V		Acetone	250	D	ug/kg	100
AB4-SS2	B-6	8-10	IN	AUGER BORING	V		Ethylbenzene	20		ug/kg	5
AB4-SS2	B-6	8-10	IN	AUGER BORING	V		m/p-Xylene	36		ug/kg	5
AB4-SS2	B-6	8-10	IN	AUGER BORING	V		o-Xylene	51		ug/kg	5
AB4-SS2	B-6	8-10	IN	AUGER BORING	SV		Naphthalene	880		ug/kg	330
AB4-SS2	B-6	8-10	IN	AUGER BORING	SV		Phenanthrene	160	J	ug/kg	330
AB4-SS2	B-6	8-10	IN	AUGER BORING	SV		Fluoranthene	160	J	ug/kg	330
AB4-SS2	B-6	8-10	IN	AUGER BORING	SV		Pyrene	120	J	ug/kg	330
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Antimony	4.5	UNR	mg/kg	6
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Arsenic	16.3	NJ	mg/kg	1
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Beryllium	0.79		mg/kg	0.5
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Cadmium	0.45	B	mg/kg	0.5
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Chromium	10.8		mg/kg	1
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Copper	20.4		mg/kg	2.5
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Lead	20.3	*	mg/kg	0.3
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Mercury	0.058	U	mg/kg	0.1
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Nickel	27.8		mg/kg	4
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Selenium	0.35	BNWJ	mg/kg	0.5
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Silver	0.74	U	mg/kg	1
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Thallium	0.46	BNJ	mg/kg	1
AB4-SS2	B-6	8-10	IN	AUGER BORING	M		Zinc	90.3		mg/kg	2
AB5-SS1	C-2	3-5	IN	AUGER BORING	V		ALL VOLATILES	ND	NA	ug/kg	NA
AB5-SS1	C-2	3-5	IN	AUGER BORING	SV		ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Antimony	4.5	UNR	mg/kg	6
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Arsenic	13.9	NJ	mg/kg	1
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Beryllium	0.67		mg/kg	0.5
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Cadmium	0.45	B	mg/kg	0.5
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Chromium	16.5		mg/kg	1
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Copper	29.4		mg/kg	2.5
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Lead	16.1		mg/kg	0.3
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Mercury	0.058	U	mg/kg	0.1
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Nickel	31.1		mg/kg	4
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Selenium	0.2	BNWJ	mg/kg	0.5
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Silver	0.74	U	mg/kg	1
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Thallium	0.53	BNJ	mg/kg	1
AB5-SS1	C-2	3-5	IN	AUGER BORING	M		Zinc	86.3		mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR	FOR				
AB5-SS2	C-2	8-10	IN	AUGER BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA	NA
AB5-SS2	C-2	8-10	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA	NA
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Antimony	4.5	UNR	mg/kg	6	6
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Arsenic	14.4	NJ	mg/kg	1	1
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Beryllium	0.33	B	mg/kg	0.5	0.5
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Cadmium	0.22	B	mg/kg	0.5	0.5
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Chromium	11.6		mg/kg	1	1
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Copper	27.1		mg/kg	2.5	2.5
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Lead	15.4		mg/kg	0.3	0.3
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Mercury	0.057	U	mg/kg	0.1	0.1
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Nickel	24.8		mg/kg	4	4
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Selenium	0.55	BNWJ	mg/kg	0.5	0.5
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Silver	0.74	U	mg/kg	1	1
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Thallium	0.38	BNJ	mg/kg	1	1
AB5-SS2	C-2	8-10	IN	AUGER BORING	M	Zinc	85.8		mg/kg	2	2
AB6-SS1	C-4	3-5	IN	AUGER BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA	NA
AB6-SS1	C-4	3-5	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA	NA
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Antimony	4.5	UNR	mg/kg	6	6
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Arsenic	22.2	NJ	mg/kg	1	1
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Beryllium	0.33	B	mg/kg	0.5	0.5
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Cadmium	3.3		mg/kg	0.5	0.5
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Chromium	16.5		mg/kg	1	1
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Copper	18.9		mg/kg	2.5	2.5
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Lead	19.5	*	mg/kg	0.3	0.3
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Mercury	0.058	U	mg/kg	0.1	0.1
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Nickel	25.2		mg/kg	4	4
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Selenium	0.29	BNWJ	mg/kg	0.5	0.5
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Silver	0.73	U	mg/kg	1	1
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Thallium	0.88	BNJ	mg/kg	1	1
AB6-SS1	C-4	3-5	IN	AUGER BORING	M	Zinc	83.1		mg/kg	2	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS -- SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION	
						FOR	FOR				LIMIT	LIMIT
AB6-SS2	C-4	8-10	IN	AUGER BORING	V	ALL SEMI - VOLATILES	Benzene	1	J	ug/kg	5	5
AB6-SS2	C-4	8-10	IN	AUGER BORING	SV		Antimony	ND	NA	ug/kg	NA	NA
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Arsenic	3.9	UNR	mg/kg	6	6
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Beryllium	20.3	NJ	mg/kg	1	1
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Cadmium	0.22	U	mg/kg	0.5	0.5
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Chromium	0.49		mg/kg	0.5	0.5
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Copper	12.4		mg/kg	1	1
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Lead	25.7		mg/kg	2.5	2.5
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Mercury	14.8		mg/kg	0.3	0.3
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Nickel	0.06	U	mg/kg	0.1	0.1
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Selenium	20.3		mg/kg	4	4
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Silver	0.53	BNWJ	mg/kg	0.5	0.5
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Thallium	0.64	U	mg/kg	1	1
AB6-SS2	C-4	8-10	IN	AUGER BORING	M		Zinc	0.39	BNJ	mg/kg	1	1
AB6-SS2	C-4	8-10	IN	AUGER BORING	M			85.7		mg/kg	2	2
AB7-SS1	C-7	3-5	OUT	AUGER BORING	V	Methylene Chloride		130	B	ug/kg	5	5
AB7-SS1	C-7	3-5	OUT	AUGER BORING	SV	ALL SEMI - VOLATILES	Antimony	ND	NA	ug/kg	NA	NA
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Arsenic	5.1	UNR	mg/kg	6	6
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Beryllium	18.2	NJ	mg/kg	1	1
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Cadmium	0.63		mg/kg	0.5	0.5
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Chromium	0.38	B	mg/kg	0.5	0.5
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Copper	17.8		mg/kg	1	1
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Lead	30.8		mg/kg	2.5	2.5
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Mercury	17.6	U	mg/kg	0.3	0.3
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Nickel	0.061		mg/kg	0.1	0.1
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Selenium	35.6	UNJ	mg/kg	4	4
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Silver	0.2	U	mg/kg	0.5	0.5
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Thallium	0.83	BNJ	mg/kg	1	1
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M		Zinc	0.73		mg/kg	1	1
AB7-SS1	C-7	3-5	OUT	AUGER BORING	M			99.7		mg/kg	2	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

ANALYSIS FOR						RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY				
AB8-SS2	D-2	8-10	IN	AUGER BORING	V	ALL VOLATILES		NA	ug/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	Antimony	ND	ug/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Arsenic	5	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M			17.4	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Beryllium	0.37	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Cadmium	0.37	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Chromium	15.9	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Copper	30.2	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Lead	14.9	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Mercury	0.059	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Nickel	22.2	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Selenium	0.35	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Silver	0.82	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Thallium	0.48	mg/kg
AB8-SS2	D-2	8-10	IN	AUGER BORING	M		Zinc	93.7	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	V	ALL VOLATILES		NA	ug/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	Antimony	ND	ug/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Arsenic	4.9	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Beryllium	20.7	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Cadmium	0.49	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Chromium	0.49	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Copper	16.9	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Lead	27.7	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Mercury	27.7	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Nickel	0.06	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Selenium	30.8	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Silver	0.21	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Thallium	0.81	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M		Zinc	0.48	mg/kg
AB9-SS1	D-4	3-5	IN	AUGER BORING	M			97.2	mg/kg

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR	FOR				
AB9-SS2	D-4	8-10	IN	AUGER BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA	NA
AB9-SS2	D-4	8-10	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA	NA
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Antimony	6	BNJ	mg/kg	6	6
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Arsenic	18.1	NJ	mg/kg	1	1
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Beryllium	0.64		mg/kg	0.5	0.5
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Cadmium	0.51	B	mg/kg	0.5	0.5
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Chromium	17.3		mg/kg	1	1
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Copper	24.9		mg/kg	2.5	2.5
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Lead	19.5		mg/kg	0.3	0.3
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Mercury	0.06	U	mg/kg	0.1	0.1
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Nickel	30.7		mg/kg	4	4
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Selenium	0.21	UNJ	mg/kg	0.5	0.5
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Silver	0.84	U	mg/kg	1	1
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Thallium	0.74	BNJ	mg/kg	1	1
AB9-SS2	D-4	8-10	IN	AUGER BORING	M	Zinc	90.9		mg/kg	2	2
AB10-SS1	D-5	3-5	IN	AUGER BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA	NA
AB10-SS1	D-5	3-5	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA	NA
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Antimony	4.7	UNR	mg/kg	6	6
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Arsenic	21	NJ	mg/kg	1	1
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Beryllium	0.58		mg/kg	0.5	0.5
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Cadmium	0.35	B	mg/kg	0.5	0.5
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Chromium	17.8		mg/kg	1	1
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Copper	29.4		mg/kg	2.5	2.5
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Lead	17.6		mg/kg	0.3	0.3
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Mercury	0.06	U	mg/kg	0.1	0.1
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Nickel	28.6		mg/kg	4	4
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Selenium	0.19	UNJ	mg/kg	0.5	0.5
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Silver	0.76	U	mg/kg	1	1
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Thallium	0.56	BNJ	mg/kg	1	1
AB10-SS1	D-5	3-5	IN	AUGER BORING	M	Zinc	90.5		mg/kg	2	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT	
						ALL SEMI - VOLATILES	ALL VOLATILES					
AB10-SS2	D-5	8-10	IN	AUGER BORING	V		Antimony	ND	NA	ug/kg	NA	NA
AB10-SS2	D-5	8-10	IN	AUGER BORING	SV		Arsenic	ND	NA	ug/kg	NA	NA
AB10-SS2	D-5	8-10	IN	AUGER BORING	M		Beryllium	4.8	UNR	mg/kg	6	6
AB10-SS2	D-5	8-10	IN	AUGER BORING	M		Cadmium	15	NJ	mg/kg	1	1
AB10-SS2	D-5	8-10	IN	AUGER BORING	M		Chromium	0.6	B	mg/kg	0.5	0.5
AB10-SS2	D-5	8-10	IN	AUGER BORING	M		Copper	0.24		mg/kg	0.5	0.5
AB10-SS2	D-5	8-10	IN	AUGER BORING	M		Lead	17.1		mg/kg	1	1
AB10-SS2	D-5	8-10	IN	AUGER BORING	M		Mercury	21.4		mg/kg	2.5	2.5
AB10-SS2	D-5	8-10	IN	AUGER BORING	M		Nickel	19.8	U	mg/kg	0.3	0.3
AB10-SS2	D-5	8-10	IN	AUGER BORING	M		Selenium	0.06		mg/kg	0.1	0.1
AB10-SS2	D-5	8-10	IN	AUGER BORING	M		Silver	32.1	BNWJ	mg/kg	4	4
AB10-SS2	D-5	8-10	IN	AUGER BORING	M		Thallium	0.31		mg/kg	0.5	0.5
AB10-SS2	D-5	8-10	IN	AUGER BORING	M		Zinc	0.79	U	mg/kg	1	1
AB10-SS2	D-5	8-10	IN	AUGER BORING	M			0.69	BNJ	mg/kg	1	1
AB10-SS2	D-5	8-10	IN	AUGER BORING	M			76.1		mg/kg	2	2
AB11-SS4	B-4	15-17	IN	AUGER BORING	V		Antimony	ND	NA	ug/kg	NA	NA
AB11-SS4	B-4	15-17	IN	AUGER BORING	SV		Arsenic	ND	NA	ug/kg	NA	NA
AB11-SS4	B-4	15-17	IN	AUGER BORING	M		Beryllium	2.7	UNJ	mg/kg	6	6
AB11-SS4	B-4	15-17	IN	AUGER BORING	M		Cadmium	3.7	B	mg/kg	1	1
AB11-SS4	B-4	15-17	IN	AUGER BORING	M		Chromium	0.16	U	mg/kg	0.5	0.5
AB11-SS4	B-4	15-17	IN	AUGER BORING	M		Copper	0.21	B	mg/kg	0.5	0.5
AB11-SS4	B-4	15-17	IN	AUGER BORING	M		Lead	5.3		mg/kg	1	1
AB11-SS4	B-4	15-17	IN	AUGER BORING	M		Mercury	51.3	NJ	mg/kg	2.5	2.5
AB11-SS4	B-4	15-17	IN	AUGER BORING	M		Nickel	9.4	N*J	mg/kg	0.3	0.3
AB11-SS4	B-4	15-17	IN	AUGER BORING	M		Selenium	0.058	U	mg/kg	0.1	0.1
AB11-SS4	B-4	15-17	IN	AUGER BORING	M		Thallium	9	W	mg/kg	4	4
AB11-SS4	B-4	15-17	IN	AUGER BORING	M		Zinc	0.43	U	mg/kg	0.5	0.5
AB11-SS4	B-4	15-17	IN	AUGER BORING	M			0.45	U	mg/kg	1	1
AB11-SS4	B-4	15-17	IN	AUGER BORING	M			0.074	UNW	mg/kg	1	1
AB11-SS4	B-4	15-17	IN	AUGER BORING	M			57	NJ	mg/kg	2	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR	FOR				
AB11-SS7	B-4	21-23	IN	AUGER BORING	V	ALL VOLATILES	ALL SEMI - VOLATILES	ND	NA	ug/kg	NA
AB11-SS7	B-4	21-23	IN	AUGER BORING	SV	Antimony	Antimony	ND	NA	ug/kg	NA
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Arsenic	Arsenic	2.7	UNJ	mg/kg	6
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Beryllium	Beryllium	11.2		mg/kg	1
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Cadmium	Cadmium	0.2	B	mg/kg	0.5
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Chromium	Chromium	0.13	B	mg/kg	0.5
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Copper	Copper	5.5		mg/kg	1
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Lead	Lead	22.4	NJ	mg/kg	2.5
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Mercury	Mercury	10.6	N*J	mg/kg	0.3
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Nickel	Nickel	0.087	B	mg/kg	0.1
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Selenium	Selenium	23.3		mg/kg	4
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Silver	Silver	0.29	BW	mg/kg	0.5
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Thallium	Thallium	0.44	U	mg/kg	1
AB11-SS7	B-4	21-23	IN	AUGER BORING	M	Zinc	Zinc	0.096	UNW	mg/kg	1
AB11-SS7	B-4	21-23	IN	AUGER BORING	M			79.3	NJ	mg/kg	2
AB12-SS3	C-5	13-15	IN	AUGER BORING	V	ALL VOLATILES	ALL SEMI - VOLATILES	ND	NA	ug/kg	NA
AB12-SS3	C-5	13-15	IN	AUGER BORING	SV	Antimony	Antimony	ND	NA	ug/kg	NA
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Arsenic	Arsenic	4.5	UNJ	mg/kg	6
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Beryllium	Beryllium	13.5		mg/kg	1
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Cadmium	Cadmium	0.67		mg/kg	0.5
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Chromium	Chromium	0.44	B	mg/kg	0.5
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Copper	Copper	13.6		mg/kg	1
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Lead	Lead	25.3	NJ	mg/kg	2.5
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Mercury	Mercury	37	N*J	mg/kg	0.3
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Nickel	Nickel	0.059	U	mg/kg	0.1
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Selenium	Selenium	25.9		mg/kg	4
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Silver	Silver	0.38	BW	mg/kg	0.5
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Thallium	Thallium	0.73	U	mg/kg	1
AB12-SS3	C-5	13-15	IN	AUGER BORING	M	Zinc	Zinc	0.1	UNW	mg/kg	1
AB12-SS3	C-5	13-15	IN	AUGER BORING	M			78.6	NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR					
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Chloroethane		12	J	ug/kg	10
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Bromomethane		12	J	ug/kg	10
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Vinyl Chloride		12	J	ug/kg	10
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Chloroethane		12	J	ug/kg	10
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Methylene Chloride		21	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Acrolein		12	J	ug/kg	10
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Acetone		100	J	ug/kg	100
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Acrylonitrile		12	J	ug/kg	10
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Carbon Disulfide		12	J	ug/kg	10
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Trichlorofluoromethane		12	J	ug/kg	10
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	1,1-Dichloroethene		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	1,1-Dichloroethane		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	trans-1,2-Dichloroethene		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Chloroform		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	1,2-Dichloroethane		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	2-Butanone		116	J	ug/kg	100
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	1,1,1-Trichloroethane		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Carbon Tetrachloride		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Vinyl Acetate		58	J	ug/kg	50
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Bromodichloromethane		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	1,2-Dichloropropane		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	cis-1,3-Dichloropropene		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Trichloroethene		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Benzene		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Dibromochloromethane		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	1,1,2-Trichloroethane		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	trans-1,3-Dichloropropene		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	2-Chloroethoxyvinylether		12	J	ug/kg	10
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Bromoform		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	2-Hexane		58	J	ug/kg	50
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	4-Methyl-2-pentanone		58	J	ug/kg	50
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Tetrachloroethane		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	1,1,2,2-Tetrachloroethane		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Toluene		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Chlorobenzene		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Ethylbenzene		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	Styrene		6	J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	m/p-Xylene		6	J	ug/kg	5

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR	FOR				
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	o-Xylene	6		J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	1,3-Dichlorobenzene	6		J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	V	1,2/1,4-Dichlorobenzene	6		J	ug/kg	5
AB12-SS7	C-5	21-23	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ND		NA	ug/kg	NA
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Antimony	3.9		UNJ	mg/kg	6
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Arsenic	8.8		B	mg/kg	1
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Beryllium	0.38		B	mg/kg	0.5
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Cadmium	0.18		U	mg/kg	0.5
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Chromium	6.5			mg/kg	1
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Copper	21.7		NJ	mg/kg	2.5
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Lead	14.1		N*J	mg/kg	0.3
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Mercury	0.064		U	mg/kg	0.1
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Nickel	14.5			mg/kg	4
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Selenium	0.26		BW	mg/kg	0.5
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Silver	0.63		U	mg/kg	1
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Thallium	0.12		BNWJ	mg/kg	1
AB12-SS7	C-5	21-23	IN	AUGER BORING	M	Zinc	32.8		NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
AB13-SS5	C-3	17-19	IN	AUGER BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA
AB13-SS5	C-3	17-19	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Antimony	4.2	UNJ	mg/kg	6
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Arsenic	5.8	B	mg/kg	1
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Beryllium	0.31	B	mg/kg	0.5
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Cadmium	0.2	U	mg/kg	0.5
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Chromium	6.7		mg/kg	1
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Copper	42.8	NJ	mg/kg	2.5
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Lead	10.2	N*J	mg/kg	0.3
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Mercury	0.17		mg/kg	0.1
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Nickel	8.6		mg/kg	4
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Selenium	0.32	BW	mg/kg	0.5
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Silver	0.69	U	mg/kg	1
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Thallium	0.11	UNWJ	mg/kg	1
AB13-SS5	C-3	17-19	IN	AUGER BORING	M	Zinc	47.9	NJ	mg/kg	2
AB13-SS7	C-3	21-23	IN	AUGER BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA
AB13-SS7	C-3	21-23	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Antimony	1.8	UNJ	mg/kg	6
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Arsenic	9.5		mg/kg	1
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Beryllium	0.18	B	mg/kg	0.5
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Cadmium	0.088	B	mg/kg	0.5
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Chromium	4.8		mg/kg	1
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Copper	42.9	NJ	mg/kg	2.5
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Lead	10.1	N*J	mg/kg	0.3
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Mercury	0.053	U	mg/kg	0.1
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Nickel	8.8		mg/kg	4
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Selenium	0.24	B	mg/kg	0.5
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Silver	0.29	U	mg/kg	1
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Thallium	0.085	UNWJ	mg/kg	1
AB13-SS7	C-3	21-23	IN	AUGER BORING	M	Zinc	65.1	NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
AB14-S82	C-6	8-10	IN	AUGER BORING	V	Benzene	15000		ug/kg	5
AB14-S82	C-6	8-10	IN	AUGER BORING	V	Ethylbenzene	15000		ug/kg	5
AB14-S82	C-6	8-10	IN	AUGER BORING	V	m/p-Xylene	15000		ug/kg	5
AB14-S82	C-6	8-10	IN	AUGER BORING	V	o-Xylene	27000		ug/kg	5
AB14-S82	C-6	8-10	IN	AUGER BORING	SV	Naphthalene	460		ug/kg	330
AB14-S82	C-6	8-10	IN	AUGER BORING	SV	2-Methylnaphthalene	590		ug/kg	330
AB14-S82	C-6	8-10	IN	AUGER BORING	SV	Di-n-Butyl Phthalate	120	J	ug/kg	330
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Antimony	3.3	UNJ	mg/kg	6
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Arsenic	16.9		mg/kg	1
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Beryllium	0.66		mg/kg	0.5
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Cadmium	0.25	B	mg/kg	0.5
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Chromium	13.9		mg/kg	1
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Copper	33.5	NJ	mg/kg	2.5
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Lead	19.6	N*J	mg/kg	0.3
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Mercury	0.057	U	mg/kg	0.1
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Nickel	31.8		mg/kg	4
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Selenium	0.3	BW	mg/kg	0.5
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Silver	0.55	U	mg/kg	1
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Thallium	0.29	BNWJ	mg/kg	1
AB14-S82	C-6	8-10	IN	AUGER BORING	M	Zinc	82.7	NJ	mg/kg	2
AB14-S87	C-6	21-25	IN	AUGER BORING	V	Benzene	6		ug/kg	5
AB14-S87	C-6	21-25	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Antimony	3.2	UNJ	mg/kg	6
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Arsenic	61.2		mg/kg	1
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Beryllium	0.32	B	mg/kg	0.5
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Cadmium	0.16	B	mg/kg	0.5
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Chromium	9.4		mg/kg	1
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Copper	46	NJ	mg/kg	2.5
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Lead	22.9	N*J	mg/kg	0.3
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Mercury	0.055	U	mg/kg	0.1
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Nickel	15.3		mg/kg	4
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Selenium	0.6	W	mg/kg	0.5
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Silver	0.53	U	mg/kg	1
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Thallium	0.09	UNW	mg/kg	1
AB14-S87	C-6	21-25	IN	AUGER BORING	M	Zinc	73.6	NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION	
						FOR	UNIT				UNIT	UNIT
AB15-SS3	D-5	13-15	IN	AUGER BORING	V	Acetone	ug/kg	640			ug/kg	100
AB15-SS3	D-5	13-15	IN	AUGER BORING	V	Ethylbenzene	ug/kg	250			ug/kg	5
AB15-SS3	D-5	13-15	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ug/kg	ND	NA		ug/kg	NA
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Antimony	mg/kg	4.9	UNJ		mg/kg	6
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Arsenic	mg/kg	14.8			mg/kg	1
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Beryllium	mg/kg	0.73			mg/kg	0.5
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Cadmium	mg/kg	0.23	U		mg/kg	0.5
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Chromium	mg/kg	18.2			mg/kg	1
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Copper	mg/kg	23.7	NJ		mg/kg	2.5
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Lead	mg/kg	15.8	N*J		mg/kg	0.3
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Mercury	mg/kg	0.096	B		mg/kg	0.1
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Nickel	mg/kg	27.2			mg/kg	4
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Selenium	mg/kg	0.21	UW		mg/kg	0.5
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Silver	mg/kg	0.8	U		mg/kg	1
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Thallium	mg/kg	0.11	UNW		mg/kg	1
AB15-SS3	D-5	13-15	IN	AUGER BORING	M	Zinc	mg/kg	76.8	NJ		mg/kg	2
AB15-SS8	D-5	25-27	IN	AUGER BORING	V	Trichloroethene	ug/kg	4	J		ug/kg	5
AB15-SS8	D-5	25-27	IN	AUGER BORING	SV	ALL SEMI-VOLATILES	ug/kg	ND	NA		ug/kg	NA
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Antimony	mg/kg	2.6	UNJ		mg/kg	6
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Arsenic	mg/kg	14.5			mg/kg	1
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Beryllium	mg/kg	0.72			mg/kg	0.5
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Cadmium	mg/kg	0.13	B		mg/kg	0.5
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Chromium	mg/kg	18.4			mg/kg	1
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Copper	mg/kg	19.9	NJ		mg/kg	2.5
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Lead	mg/kg	13.2	N*J		mg/kg	0.3
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Mercury	mg/kg	0.16			mg/kg	0.1
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Nickel	mg/kg	30.3			mg/kg	4
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Selenium	mg/kg	0.31	BW		mg/kg	0.5
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Silver	mg/kg	0.43	U		mg/kg	1
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Thallium	mg/kg	0.094	UNW		mg/kg	1
AB15-SS8	D-5	25-27	IN	AUGER BORING	M	Zinc	mg/kg	68.8	NJ		mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA ANALYTICAL RESULTS – SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						ALL VOLATILES	ALL SEMI-VOLATILES				
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	V		ALL VOLATILES	ND	NA	ug/kg	NA
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	SV		Antimony	ND	NA	ug/kg	NA
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Arsenic	3.2	UNJ	mg/kg	6
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Beryllium	17.4		mg/kg	1
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Cadmium	0.39		mg/kg	0.5
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Chromium	0.24	B	mg/kg	0.5
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Copper	9.1		mg/kg	1
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Lead	28.7	NJ	mg/kg	2.5
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Mercury	15.7	N*J	mg/kg	0.3
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Nickel	0.057	U	mg/kg	0.1
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Selenium	24		mg/kg	4
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Silver	0.18	BW	mg/kg	0.5
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Thallium	0.52	U	mg/kg	1
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M		Zinc	0.34	BNWJ	mg/kg	1
MW4-SS2	B-1	8-10	OUT	MONITORING WELL	M			81	NJ	mg/kg	2
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	V		ALL VOLATILES	ND	NA	ug/kg	NA
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	SV		Antimony	ND	NA	ug/kg	NA
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M		Arsenic	3.4	UNJ	mg/kg	6
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M		Beryllium	9.1		mg/kg	1
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M		Cadmium	0.43		mg/kg	0.5
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M		Chromium	0.68		mg/kg	0.5
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M		Copper	11.2		mg/kg	1
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M		Lead	19.7	NJ	mg/kg	2.5
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M		Mercury	15.1	N*J	mg/kg	0.3
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M		Nickel	0.057	U	mg/kg	0.1
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M		Selenium	25.2		mg/kg	4
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M		Silver	0.57	W	mg/kg	0.5
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M		Thallium	0.56	U	mg/kg	1
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M			0.27	BNWJ	mg/kg	1
MW4-SS3	B-1	13-15	OUT	MONITORING WELL	M			91.1	NJ	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW5-SS2	B-4	8-10	IN	MONITORING WELL	V	ALL VOLATILES	ND	NA	ug/kg	NA
MW5-SS2	B-4	8-10	IN	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Antimony	4.5	UNR	mg/kg	6
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Arsenic	26	NJ	mg/kg	1
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Beryllium	0.57		mg/kg	0.5
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Cadmium	0.23	B	mg/kg	0.5
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Chromium	16.5		mg/kg	1
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Copper	26.2	*	mg/kg	2.5
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Lead	18.8	NSJ	mg/kg	0.3
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Mercury	0.055	U	mg/kg	0.1
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Nickel	26		mg/kg	4
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Selenium	0.51	N+J	mg/kg	0.5
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Silver	0.75	U	mg/kg	1
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Thallium	0.31	B	mg/kg	1
MW5-SS2	B-4	8-10	IN	MONITORING WELL	M	Zinc	82		mg/kg	2
MW5-SS3	B-4	13-15	IN	MONITORING WELL	V	Ethylbenzene	7400		ug/kg	5
MW5-SS3	B-4	13-15	IN	MONITORING WELL	V	m/p-Xylene	1900		ug/kg	5
MW5-SS3	B-4	13-15	IN	MONITORING WELL	V	o-Xylene	7000		ug/kg	5
MW5-SS3	B-4	13-15	IN	MONITORING WELL	SV	Naphthalene	160	J	ug/kg	330
MW5-SS3	B-4	13-15	IN	MONITORING WELL	SV	2-Methylnaphthalene	460		ug/kg	330
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Antimony	4.2	UNR	mg/kg	6
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Arsenic	8.3	NJ	mg/kg	1
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Beryllium	0.32	B	mg/kg	0.5
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Cadmium	0.21	B	mg/kg	0.5
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Chromium	9.8		mg/kg	1
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Copper	57.4	*	mg/kg	2.5
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Lead	17.6	NJ	mg/kg	0.3
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Mercury	0.058	U	mg/kg	0.1
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Nickel	13.7		mg/kg	1
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Selenium	0.18	BNSJ	mg/kg	0.5
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Silver	0.7	U	mg/kg	1
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Thallium	0.058	U	mg/kg	1
MW5-SS3	B-4	13-15	IN	MONITORING WELL	M	Zinc	65.6		mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS -- SOIL

ANALYSIS					DETECTION					
SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	FOR	RESULTS	QUALIFIER	UNITS	LIMIT
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	V	ALL VOLATILES	ND	NA	ug/kg	NA
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Antimony	4.4	UNR	mg/kg	6
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Arsenic	19.6	NJ	mg/kg	1
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Beryllium	0.54		mg/kg	0.5
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Cadmium	0.33	B	mg/kg	0.5
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Chromium	16		mg/kg	1
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Copper	29.9	*	mg/kg	2.5
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Lead	18.7	NSJ	mg/kg	0.3
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Mercury	0.057	U	mg/kg	0.1
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Nickel	28.6		mg/kg	4
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Selenium	0.79	N+J	mg/kg	0.5
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Silver	0.72	U	mg/kg	1
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Thallium	0.29	B	mg/kg	1
MW6-SS2	E-5	8-10	OUT	MONITORING WELL	M	Zinc	82.8		mg/kg	2
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	V	Vinyl Chloride	59		ug/kg	10
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	V	1,1-Dichloroethene	2	J	ug/kg	5
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	V	trans-1,2-Dichloroethene	1000	D	ug/kg	5
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	V	Trichloroethene	40		ug/kg	5
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	V	Toluene	1	J	ug/kg	5
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Antimony	3.9	UNR	mg/kg	6
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Arsenic	11.3	NJ	mg/kg	1
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Beryllium	0.49		mg/kg	0.5
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Cadmium	0.2	B	mg/kg	0.5
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Chromium	14.5		mg/kg	1
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Copper	21.6	*	mg/kg	2.5
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Lead	15.1	NSJ	mg/kg	0.3
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Mercury	0.057	U	mg/kg	0.1
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Nickel	28.5		mg/kg	4
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Selenium	0.98	NSJ	mg/kg	0.5
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Silver	0.65	U	mg/kg	1
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Thallium	0.078	UW	mg/kg	1
MW6-SS3	E-5	13-15	OUT	MONITORING WELL	M	Zinc	72.8		mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #					GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	V	1,1,1-Trichloroethane		86	J	ug/kg	5				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	V	Benzene		2100		ug/kg	5				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	V	Ethylbenzene		980		ug/kg	5				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	V	m/p-Xylene		1800		ug/kg	5				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	V	o-Xylene		1200		ug/kg	5				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES		ND	NA	ug/kg	NA				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Antimony		4.3	UNJ	mg/kg	6				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Arsenic		15.7	NJ	mg/kg	1				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Beryllium		0.65		mg/kg	0.5				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Cadmium		0.22	B	mg/kg	0.5				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Chromium		19		mg/kg	1				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Copper		26.4	*	mg/kg	2.5				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Lead		19.2	NSJ	mg/kg	0.3				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Mercury		0.059	U	mg/kg	0.1				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Nickel		25.7		mg/kg	4				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Selenium		0.19	UNJ	mg/kg	0.5				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Silver		0.71	U	mg/kg	1				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Thallium		0.27	BW	mg/kg	1				
MW7-SS2	D-8	8-10	OUT	MONITORING WELL	M	Zinc		79.9		mg/kg	2				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	V	Benzene		140		ug/kg	5				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	V	Toluene		4	J	ug/kg	5				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES		ND	NA	ug/kg	NA				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Antimony		5	UNR	mg/kg	6				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Arsenic		15.8	NJ	mg/kg	1				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Beryllium		0.75		mg/kg	0.5				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Cadmium		0.24	U	mg/kg	0.5				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Chromium		22.4		mg/kg	1				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Copper		25.3	*	mg/kg	2.5				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Lead		25.2	NSJ	mg/kg	0.3				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Mercury		0.063	U	mg/kg	0.1				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Nickel		31.6		mg/kg	4				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Selenium		0.32	BNJ	mg/kg	0.5				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Silver		0.83	U	mg/kg	1				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Thallium		0.23	B	mg/kg	1				
MW7-SS3	D-8	13-15	OUT	MONITORING WELL	M	Zinc		89.6		mg/kg	2				

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	V	ALL VOLATILES	ND	NA	ug/kg	NA
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Antimony	4.5	UNR	mg/kg	6
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Arsenic	23	NJ	mg/kg	1
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Beryllium	0.56		mg/kg	0.5
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Cadmium	0.22	B	mg/kg	0.5
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Chromium	15.8		mg/kg	1
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Copper	25.7	*	mg/kg	2.5
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Lead	15.4	NSJ	mg/kg	0.3
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Mercury	0.057	U	mg/kg	0.1
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Nickel	32.1		mg/kg	4
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Selenium	1.7	NSJ	mg/kg	0.5
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Silver	0.73	U	mg/kg	1
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Thallium	0.068	UW	mg/kg	1
MW8-SS2	C-10	8-10	OUT	MONITORING WELL	M	Zinc	82.6		mg/kg	2
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	V	Benzene	2	J	ug/kg	5
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Antimony	5.2	UNR	mg/kg	6
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Arsenic	0.29	BNJ	mg/kg	1
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Beryllium	0.24	U	mg/kg	0.5
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Cadmium	6.1	U	mg/kg	0.5
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Chromium	12	*	mg/kg	1
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Copper	12.1		mg/kg	2.5
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Lead	0.063	NSJ	mg/kg	0.3
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Mercury	13.1	U	mg/kg	0.1
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Nickel	0.8	NSJ	mg/kg	4
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Selenium	0.83		mg/kg	0.5
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Silver	0.083	U	mg/kg	1
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Thallium	59.5	U	mg/kg	1
MW8-SS3	C-10	13-15	OUT	MONITORING WELL	M	Zinc			mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	V	ALL VOLATILES	ND	NA	ug/kg	NA
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Antimony	4.2	UNR	mg/kg	6
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Arsenic	16.2	NJ	mg/kg	1
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Beryllium	0.62		mg/kg	0.5
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Cadmium	0.31	B	mg/kg	0.5
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Chromium	13.1		mg/kg	1
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Copper	24.6		mg/kg	2.5
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Lead	13.8	NJ	mg/kg	0.3
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Mercury	0.058	U	mg/kg	0.1
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Nickel	31		mg/kg	4
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Selenium	0.48	BS	mg/kg	0.5
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Silver	0.68	U	mg/kg	1
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Thallium	0.4	B	mg/kg	1
MW9-SS2	A-4	8-10	OUT	MONITORING WELL	M	Zinc	84.7		mg/kg	2
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	V	ALL VOLATILES	ND	NA	ug/kg	NA
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Antimony	4.2	UNR	mg/kg	6
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Arsenic	22.2	NJ	mg/kg	1
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Beryllium	0.72		mg/kg	0.5
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Cadmium	0.21	B	mg/kg	0.5
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Chromium	13.6		mg/kg	1
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Copper	24.9		mg/kg	2.5
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Lead	18.4	NJ	mg/kg	0.3
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Mercury	0.062	U	mg/kg	0.1
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Nickel	33		mg/kg	4
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Selenium	0.21	UW	mg/kg	0.5
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Silver	0.68	U	mg/kg	1
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Thallium	0.49	B	mg/kg	1
MW9-SS3	A-4	13-15	OUT	MONITORING WELL	M	Zinc	87.1		mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR	FOR				
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	V	ALL VOLATILES	ND	NA	NA	ug/kg	NA
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	NA	ug/kg	NA
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Antimony	1.6	J	6	mg/kg	6
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Arsenic	19.8	J	1	mg/kg	1
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Beryllium	0.37		0.5	mg/kg	0.5
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Cadmium	28.6	J	1	mg/kg	1
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Chromium	49.3		2.5	mg/kg	2.5
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Copper	20.7		0.3	mg/kg	0.3
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Lead	0.06	U	0.1	mg/kg	0.1
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Mercury	32.3		4	mg/kg	4
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Nickel	0.51	J	0.5	mg/kg	0.5
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Selenium	0.44	U	1	mg/kg	1
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Silver	0.51	J	1	mg/kg	1
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Thallium	109	J	2	mg/kg	2
MW10-SS1	A-8	3-5	OUT	MONITORING WELL	M	Zinc					
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	V	ALL VOLATILES	ND	NA	NA	ug/kg	NA
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	NA	ug/kg	NA
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Antimony	2.2	J	6	mg/kg	6
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Arsenic	10.8	J	1	mg/kg	1
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Beryllium	0.25		0.5	mg/kg	0.5
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Cadmium	0.72		0.5	mg/kg	0.5
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Chromium	7.4	J	1	mg/kg	1
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Copper	22.6		2.5	mg/kg	2.5
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Lead	12.1	J	0.3	mg/kg	0.3
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Mercury	0.06	U	0.1	mg/kg	0.1
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Nickel	19.7		4	mg/kg	4
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Selenium	0.54	U	0.5	mg/kg	0.5
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Silver	0.75	U	1	mg/kg	1
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Thallium	0.54	J	1	mg/kg	1
MW10-SS3	A-8	13-15	OUT	MONITORING WELL	M	Zinc	88.3	J	2	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	V	ALL VOLATILES	ND	NA	ug/kg	NA
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Antimony	3.3	J	mg/kg	6
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Arsenic	17.9	J	mg/kg	1
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Beryllium	0.41		mg/kg	0.5
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Cadmium	0.83		mg/kg	0.5
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Chromium	9.5	J	mg/kg	1
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Copper	33.4		mg/kg	2.5
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Lead	16.2	J	mg/kg	0.3
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Mercury	0.06	U	mg/kg	0.1
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Nickel	28.2		mg/kg	4
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Selenium	0.38	U	mg/kg	0.5
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Silver	0.66	U	mg/kg	1
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Thallium	0.43	J	mg/kg	1
MW11-SS1	F-7	3-5	OUT	MONITORING WELL	M	Zinc	79.8	J	mg/kg	2
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	V	ALL VOLATILES	ND	NA	ug/kg	NA
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Antimony	2.7	J	mg/kg	6
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Arsenic	13.4	J	mg/kg	1
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Beryllium	0.41		mg/kg	0.5
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Cadmium	0.59		mg/kg	0.5
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Chromium	11.1	J	mg/kg	1
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Copper	22		mg/kg	2.5
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Lead	15.2	J	mg/kg	0.3
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Mercury	0.06	U	mg/kg	0.1
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Nickel	16.8		mg/kg	4
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Selenium	0.5	J	mg/kg	0.5
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Silver	0.63	U	mg/kg	1
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Thallium	0.5	J	mg/kg	1
MW11-SS3	F-7	13-15	OUT	MONITORING WELL	M	Zinc	70.3	J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR	FOR				
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	V	ALL VOLATILES	ND	NA	NA	ug/kg	NA
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	NA	ug/kg	NA
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Antimony	1.4	J	6	mg/kg	6
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Arsenic	20.7	J	1	mg/kg	1
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Beryllium	0.64		0.5	mg/kg	0.5
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Cadmium	0.52		0.5	mg/kg	0.5
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Chromium	15.8	J	1	mg/kg	1
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Copper	36.7		2.5	mg/kg	2.5
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Lead	17.7		0.3	mg/kg	0.3
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Mercury	0.06	U	0.1	mg/kg	0.1
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Nickel	32.1		4	mg/kg	4
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Selenium	0.38	J	0.5	mg/kg	0.5
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Silver	0.48	U	1	mg/kg	1
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Thallium	0.38	J	1	mg/kg	1
MW12-SS1	E-9	3-5	OUT	MONITORING WELL	M	Zinc	98.2	J	2	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	V	ALL VOLATILES	ND	NA	ug/kg	NA
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	SV	Phenanthrene	300	J	ug/kg	380
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	SV	Anthracene	82	J	ug/kg	380
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	SV	Carbazole	190	J	ug/kg	380
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	SV	Fluoranthene	310	J	ug/kg	380
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	SV	Pyrene	250	J	ug/kg	380
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	SV	Benzo(a)Anthracene	110	J	ug/kg	380
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	SV	Chrysene	130	J	ug/kg	380
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	SV	Benzo(b)Fluoranthene	110	J	ug/kg	380
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	SV	Benzo(a)Pyrene	87	J	ug/kg	380
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Antimony	2.9	J	mg/kg	6
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Arsenic	4	J	mg/kg	1
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Beryllium	0.22		mg/kg	0.5
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Cadmium	0.37		mg/kg	0.5
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Chromium	5.8	J	mg/kg	1
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Copper	38.5		mg/kg	2.5
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Lead	11	J	mg/kg	0.3
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Mercury	0.05	U	mg/kg	0.1
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Nickel	9.7		mg/kg	4
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Selenium	0.26	J	mg/kg	0.5
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Silver	0.47	U	mg/kg	1
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Thallium	0.26	J	mg/kg	1
MW12-SS3	E-9	13-15	OUT	MONITORING WELL	M	Zinc	50.1	J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	V	NOT ANALYZED	ND	NA	ug/kg	NA
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	SV	ALL SEMI - VOLATILES	2.5	J	mg/kg	6
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	12.6	J	mg/kg	1
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	0.5		mg/kg	0.5
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.63		mg/kg	0.5
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	12.4	J	mg/kg	1
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	19.2		mg/kg	2.5
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	23.1		mg/kg	0.3
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	0.06	U	mg/kg	0.1
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	18.6		mg/kg	4
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	0.38	J	mg/kg	0.5
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	3	J	mg/kg	1
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	0.48	J	mg/kg	1
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	179	J	mg/kg	2
SS1	C-2	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc				
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	V	NOT ANALYZED	ND	NA	ug/kg	NA
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	SV	ALL SEMI - VOLATILES	1.7	J	mg/kg	6
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	10.8	J	mg/kg	1
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	0.41		mg/kg	0.5
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.6		mg/kg	0.5
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	10.3	J	mg/kg	1
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	27.2		mg/kg	2.5
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	28.8		mg/kg	0.3
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	0.05	U	mg/kg	0.1
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	15.5		mg/kg	4
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	0.5	J	mg/kg	0.5
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.58	U	mg/kg	1
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.5	U	mg/kg	1
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	189	J	mg/kg	2
SS2	E-2	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc				

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR	NOT ANALYZED				
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	V		NOT ANALYZED				
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	SV		Phenanthrene	110	J	ug/kg	380
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	SV		Fluoranthene	210	J	ug/kg	380
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	SV		Pyrene	170	J	ug/kg	380
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	SV		Benzo(a)Anthracene	84	J	ug/kg	380
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	SV		Chrysene	130	J	ug/kg	380
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	SV		Benzo(b)Fluoranthene	150	J	ug/kg	380
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	SV		Benzo(k)Fluoranthene	170	J	ug/kg	380
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	SV		Indeno(1,2,3-cd)Pyrene	84	J	ug/kg	380
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Antimony	2	J	mg/kg	6
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Arsenic	12.4	J	mg/kg	1
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Beryllium	0.45		mg/kg	0.5
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Cadmium	1		mg/kg	0.5
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Chromium	12	J	mg/kg	1
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Copper	49.2		mg/kg	2.5
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Lead	38.6		mg/kg	0.3
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Mercury	0.05	U	mg/kg	0.1
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Nickel	14.9		mg/kg	4
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Selenium	0.49	J	mg/kg	0.5
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Silver	0.67	U	mg/kg	1
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Thallium	0.49	U	mg/kg	1
SS3	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Zinc	162	J	mg/kg	2
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	V		NOT ANALYZED				
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	SV		Pyrene	78	J	ug/kg	360
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Antimony	3.3	J	mg/kg	6
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Arsenic	7.5	J	mg/kg	1
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Beryllium	0.2		mg/kg	0.5
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Cadmium	2.2		mg/kg	0.5
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Chromium	12	J	mg/kg	1
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Copper	24		mg/kg	2.5
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Lead	86.5		mg/kg	0.3
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Mercury	0.05	U	mg/kg	0.1
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Nickel	8.5		mg/kg	4
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Selenium	0.4	J	mg/kg	0.5
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Silver	0.57	U	mg/kg	1
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Thallium	0.4	J	mg/kg	1
SS4	E-1	0-2	OUT	SURFACE SOIL SAMPLE	M		Zinc	129	J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	V	NOT ANALYZED				
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	100	J	ug/kg	350
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	80	J	ug/kg	350
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene	76	J	ug/kg	350
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	87	J	ug/kg	350
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	2	J	mg/kg	6
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	19.5	J	mg/kg	1
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.69	J	mg/kg	0.5
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	0.74	J	mg/kg	0.5
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	15.4	J	mg/kg	1
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	32.2	J	mg/kg	2.5
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	39.8	J	mg/kg	0.3
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.06	U	mg/kg	0.1
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	24.1	J	mg/kg	4
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.43	J	mg/kg	0.5
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.55	U	mg/kg	1
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.43	J	mg/kg	1
SS5	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	199	J	mg/kg	2
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	V	NOT ANALYZED				
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Phenanthrene	76	J	ug/kg	350
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Anthracene	76	J	ug/kg	350
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	100	J	ug/kg	350
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	190	J	ug/kg	350
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	160	J	ug/kg	350
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	1.8	J	mg/kg	6
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	16.2	J	mg/kg	1
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.48	J	mg/kg	0.5
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	0.9	J	mg/kg	0.5
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	14.8	J	mg/kg	1
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	53.6	J	mg/kg	2.5
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	184	J	mg/kg	0.3
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.05	U	mg/kg	0.1
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	20.7	J	mg/kg	4
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.41	J	mg/kg	0.5
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.6	U	mg/kg	1
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.41	J	mg/kg	1
SS6	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	522	J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	V	NOT ANALYZED	ND	NA	ug/kg	NA
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	SV	ALL SEMI-VOLATILES	1.9	J	mg/kg	6
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	10.9	J	mg/kg	1
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	0.39		mg/kg	0.5
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.51		mg/kg	0.5
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	8.6	J	mg/kg	1
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	28.6		mg/kg	2.5
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	22.4		mg/kg	0.3
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	0.05	U	mg/kg	0.1
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	18.4		mg/kg	4
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	0.43	J	mg/kg	0.5
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.63	U	mg/kg	1
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.43	J	mg/kg	1
SS7	E-5	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	81.3	J	mg/kg	2
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	V	NOT ANALYZED			ug/kg	350
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene	93	J	ug/kg	350
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene	120	J	ug/kg	6
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony	2.1	J	mg/kg	1
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic	13.3	J	mg/kg	0.5
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium	0.53		mg/kg	0.5
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium	1.5	J	mg/kg	1
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium	10.5		mg/kg	2.5
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper	22.5		mg/kg	0.3
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead	61.8	U	mg/kg	0.1
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury	0.06		mg/kg	4
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel	42.9	J	mg/kg	0.5
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium	0.42	U	mg/kg	1
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver	0.7	J	mg/kg	1
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium	0.42	J	mg/kg	1
SS8	E-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc	394	J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR					
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	V	NOT ANALYZED					
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Phenanthrene		310	J	ug/kg	350
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene		380	J	ug/kg	350
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene		430	J	ug/kg	350
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene		280	J	ug/kg	350
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene		330	J	ug/kg	350
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene		520	J	ug/kg	350
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony		1.8	J	mg/kg	6
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic		15.6	J	mg/kg	1
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium		0.68		mg/kg	0.5
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium		1.7		mg/kg	0.5
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium		14.9	J	mg/kg	1
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper		32.3		mg/kg	2.5
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead		99.7		mg/kg	0.3
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury		0.05	U	mg/kg	0.1
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel		27.8		mg/kg	4
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium		0.43	J	mg/kg	0.5
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver		0.6	U	mg/kg	1
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium		0.43	J	mg/kg	1
SS9	F-3	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc		441	J	mg/kg	2

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR					
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	V	NOT ANALYZED					
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Phenanthrene		120	J	ug/kg	380
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Fluoranthene		220	J	ug/kg	380
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Pyrene		180	J	ug/kg	380
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene		86	J	ug/kg	380
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Chrysene		140	J	ug/kg	380
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene		150	J	ug/kg	380
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	SV	Indeno(1,2,3-cd)Pyrene		81	J	ug/kg	380
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Antimony		1.9	J	mg/kg	6
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Arsenic		17.4	J	mg/kg	1
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Beryllium		0.71		mg/kg	0.5
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Cadmium		1.1		mg/kg	0.5
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Chromium		18.5	J	mg/kg	1
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Copper		34.1		mg/kg	2.5
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Lead		56.2		mg/kg	0.3
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Mercury		0.05	U	mg/kg	0.1
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Nickel		31.8		mg/kg	4
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Selenium		0.47	J	mg/kg	0.5
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Silver		0.64	U	mg/kg	1
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Thallium		0.47	J	mg/kg	1
SS10	E-4	0-2	OUT	SURFACE SOIL SAMPLE	M	Zinc		274	J	mg/kg	2
HB1-SS1	C-3	0-2	IN	HAND BORING	V	Methylene Chloride		92000	A	ug/kg	5
HB1-SS1	C-3	0-2	IN	HAND BORING	V	o-Xylene		440000	I	ug/kg	5
HB1-SS1	C-3	0-2	IN	HAND BORING	SV	2-Methylnaphthalene		1100		ug/kg	330
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Antimony		ND	N	mg/kg	6
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Arsenic		15		mg/kg	0.5
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Beryllium		0.78		mg/kg	0.1
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Cadmium		4	G	mg/kg	1
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Chromium		16.3		mg/kg	1
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Copper		19.7		mg/kg	1
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Lead		15.7		mg/kg	5
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Mercury		ND		mg/kg	0.1
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Nickel		21.7		mg/kg	1
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Selenium		ND	W	mg/kg	0.5
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Silver		ND		mg/kg	1
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Thallium		ND		mg/kg	10
HB1-SS1	C-3	0-2	IN	HAND BORING	M	Zinc		72.5		mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS			DETECTION		
						FOR	RESULTS	QUALIFIER	UNITS	LIMIT	
HB1-SS2	C-3	0-2	IN	HAND BORING	V	Methylene Chloride	30000	A	ug/kg	5	
HB1-SS2	C-3	0-2	IN	HAND BORING	V	o-Xylene	300000	I	ug/kg	5	
HB1-SS2	C-3	0-2	IN	HAND BORING	SV	Naphthalene	390		ug/kg	330	
HB1-SS2	C-3	0-2	IN	HAND BORING	SV	2-Methylnaphthalene	960		ug/kg	330	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Antimony	ND	N	mg/kg	6	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Arsenic	11.5	N	mg/kg	0.5	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Beryllium	ND	N	mg/kg	0.1	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Cadmium	ND	N	mg/kg	1	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Chromium	16.2	N	mg/kg	1	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Copper	21.9	N	mg/kg	1	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Lead	10		mg/kg	5	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Mercury	ND		mg/kg	0.1	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Nickel	27.8	N	mg/kg	1	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Selenium	ND		mg/kg	0.5	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Silver	ND		mg/kg	1	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Thallium	ND		mg/kg	10	
HB1-SS2	C-3	0-2	IN	HAND BORING	M	Zinc	82.1	N	mg/kg	1	
HB1-SS3	C-3	3-5	IN	HAND BORING	V	Ethylbenzene	120000	g	ug/kg	5	
HB1-SS3	C-3	3-5	IN	HAND BORING	V	Methylene Chloride	130000	A	ug/kg	5	
HB1-SS3	C-3	3-5	IN	HAND BORING	V	o-Xylene	1900000	g	ug/kg	5	
HB1-SS3	C-3	3-5	IN	HAND BORING	SV	Di-n-butyl Phthalate	600		ug/kg	330	
HB1-SS3	C-3	3-5	IN	HAND BORING	SV	Naphthalene	1600		ug/kg	330	
HB1-SS3	C-3	3-5	IN	HAND BORING	SV	2-Methylnaphthalene	2800		ug/kg	330	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Antimony	ND	N	mg/kg	6	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Arsenic	17.6		mg/kg	0.5	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Beryllium	0.84		mg/kg	0.1	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Cadmium	6.9	G	mg/kg	1	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Chromium	18.4		mg/kg	1	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Copper	22.7		mg/kg	1	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Lead	10		mg/kg	5	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Mercury	ND		mg/kg	0.1	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Nickel	25.3		mg/kg	1	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Selenium	ND		mg/kg	0.5	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Silver	ND		mg/kg	1	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Thallium	ND		mg/kg	10	
HB1-SS3	C-3	3-5	IN	HAND BORING	M	Zinc	83.3		mg/kg	1	

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
HB2+3-SS1	C-6	0-2	IN	HAND BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA
HB2+3-SS1	C-6	0-2	IN	HAND BORING	SV	Naphthalene	870		ug/kg	330
HB2+3-SS1	C-6	0-2	IN	HAND BORING	SV	2-Methylnaphthalene	1900		ug/kg	330
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Antimony	ND	N	mg/kg	6
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Arsenic	12	N	mg/kg	0.5
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Beryllium	ND	N	mg/kg	0.1
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Cadmium	ND	N	mg/kg	1
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Chromium	14.1	N	mg/kg	1
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Copper	19.5	N	mg/kg	1
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Lead	27		mg/kg	5
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Mercury	ND		mg/kg	0.1
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Nickel	21.4	N	mg/kg	1
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Selenium	ND	W	mg/kg	0.5
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Silver	ND		mg/kg	1
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Thallium	ND		mg/kg	10
HB2+3-SS1	C-6	0-2	IN	HAND BORING	M	Zinc	86.1	N	mg/kg	1
HB2-SS2	C-6	0-2	IN	HAND BORING	V	o-Xylene	43	e	ug/kg	5
HB2-SS2	C-6	0-2	IN	HAND BORING	SV	Di-n-butyl Phthalate	3900		ug/kg	330
HB2-SS2	C-6	0-2	IN	HAND BORING	SV	Naphthalene	5400		ug/kg	330
HB2-SS2	C-6	0-2	IN	HAND BORING	SV	Phenanthrene	5600		ug/kg	330
HB2-SS2	C-6	0-2	IN	HAND BORING	SV	2-Methylnaphthalene	23000		ug/kg	330
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Antimony	ND	N	mg/kg	6
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Arsenic	18.5		mg/kg	0.5
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Beryllium	0.81		mg/kg	0.1
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Cadmium	8.2	G	mg/kg	1
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Chromium	17.7		mg/kg	1
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Copper	24.4		mg/kg	1
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Lead	9.8	N	mg/kg	5
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Mercury	ND		mg/kg	0.1
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Nickel	28.8	W	mg/kg	1
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Selenium	ND		mg/kg	0.5
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Silver	ND		mg/kg	1
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Thallium	ND		mg/kg	10
HB2-SS2	C-6	0-2	IN	HAND BORING	M	Zinc	85.5		mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
HB2-SS3	C-6	3-5	IN	HAND BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA
HB2-SS3	C-6	3-5	IN	HAND BORING	SV	Di-n-butyl Phthalate	2900		ug/kg	330
HB2-SS3	C-6	3-5	IN	HAND BORING	SV	Fluorene	480		ug/kg	330
HB2-SS3	C-6	3-5	IN	HAND BORING	SV	Naphthalene	570		ug/kg	330
HB2-SS3	C-6	3-5	IN	HAND BORING	SV	Phenanthrene	780		ug/kg	330
HB2-SS3	C-6	3-5	IN	HAND BORING	SV	2-Methylnaphthalene	2800		ug/kg	330
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Antimony	ND	N	mg/kg	6
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Arsenic	11.4	N	mg/kg	0.5
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Beryllium	ND	N	mg/kg	0.1
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Cadmium	ND	N	mg/kg	1
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Chromium	10.1	N	mg/kg	1
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Copper	18.2	N	mg/kg	1
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Lead	8.2	B	mg/kg	5
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Mercury	ND		mg/kg	0.1
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Nickel	25	N	mg/kg	1
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Selenium	ND		mg/kg	0.5
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Silver	ND		mg/kg	1
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Thallium	ND		mg/kg	10
HB2-SS3	C-6	3-5	IN	HAND BORING	M	Zinc	73.4	N	mg/kg	1
HB4-SS1	B-3	0-2	IN	HAND BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA
HB4-SS1	B-3	0-2	IN	HAND BORING	SV	Pyrene	530		ug/kg	330
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Antimony	ND	N	mg/kg	6
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Arsenic	7.9	N	mg/kg	0.5
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Beryllium	0.4	B	mg/kg	0.1
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Cadmium	ND		mg/kg	1
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Chromium	10	G	mg/kg	1
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Copper	26	*	mg/kg	1
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Lead	27	*	mg/kg	5
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Mercury	ND	u	mg/kg	0.1
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Nickel	23	*	mg/kg	1
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Selenium	ND	N	mg/kg	0.5
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Silver	ND		mg/kg	1
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Thallium	ND	N	mg/kg	10
HB4-SS1	B-3	0-2	IN	HAND BORING	M	Zinc	109		mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
HB4-SS2	B-3	0-2	IN	HAND BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA
HB4-SS2	B-3	0-2	IN	HAND BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Antimony	ND	N	mg/kg	6
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Arsenic	42	N	mg/kg	0.5
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Beryllium	0.9	*	mg/kg	0.1
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Cadmium	ND		mg/kg	1
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Chromium	15	G	mg/kg	1
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Copper	38		mg/kg	1
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Lead	20	*	mg/kg	5
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Mercury	ND	u	mg/kg	0.1
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Nickel	60	*	mg/kg	1
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Selenium	ND	N	mg/kg	0.5
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Silver	ND		mg/kg	1
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Thallium	ND	N	mg/kg	10
HB4-SS2	B-3	0-2	IN	HAND BORING	M	Zinc	131		mg/kg	1
HB4-SS3	B-3	3-5	IN	HAND BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA
HB4-SS3	B-3	3-5	IN	HAND BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Antimony	ND	N	mg/kg	6
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Arsenic	29	N	mg/kg	0.5
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Beryllium	0.6	*	mg/kg	0.1
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Cadmium	ND		mg/kg	1
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Chromium	12	G	mg/kg	1
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Copper	35	*	mg/kg	1
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Lead	18	*	mg/kg	5
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Mercury	ND	u	mg/kg	0.1
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Nickel	41	*	mg/kg	1
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Selenium	ND	N	mg/kg	0.5
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Silver	ND		mg/kg	1
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Thallium	ND	N	mg/kg	10
HB4-SS3	B-3	3-5	IN	HAND BORING	M	Zinc	108		mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS – SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
HB5-SS1	C-4	0-2	IN	HAND BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA
HB5-SS1	C-4	0-2	IN	HAND BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Antimony	ND	N	mg/kg	6
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Arsenic	8.4		mg/kg	0.5
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Beryllium	0.5		mg/kg	0.1
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Cadmium	ND		mg/kg	1
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Chromium	10		mg/kg	1
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Copper	23		mg/kg	1
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Lead	19	*	mg/kg	5
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Mercury	ND	u	mg/kg	0.1
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Nickel	25		mg/kg	1
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Selenium	ND	N	mg/kg	0.5
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Silver	ND		mg/kg	1
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Thallium	ND		mg/kg	10
HB5-SS1	C-4	0-2	IN	HAND BORING	M	Zinc	83	N	mg/kg	1
HB6-SS1	D-5	0-2	IN	HAND BORING	V	ALL VOLATILES	ND	NA	ug/kg	NA
HB6-SS1	D-5	0-2	IN	HAND BORING	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Antimony	ND	N	mg/kg	6
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Arsenic	4.1		mg/kg	0.5
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Beryllium	0.5		mg/kg	0.1
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Cadmium	ND		mg/kg	1
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Chromium	10		mg/kg	1
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Copper	22		mg/kg	1
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Lead	11	*	mg/kg	5
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Mercury	ND	u	mg/kg	0.1
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Nickel	18		mg/kg	1
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Selenium	ND	N	mg/kg	0.5
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Silver	ND		mg/kg	1
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Thallium	ND		mg/kg	10
HB6-SS1	D-5	0-2	IN	HAND BORING	M	Zinc	79	N	mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR	FOR				
HB6-SS2	D-5	0-2	IN	HAND BORING	V	ALL VOLATILES	ALL SEMI - VOLATILES	ND	NA	ug/kg	NA
HB6-SS2	D-5	0-2	IN	HAND BORING	SV	Antimony	Antimony	ND	NA	ug/kg	NA
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Arsenic	Arsenic	ND	N	mg/kg	6
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Beryllium	Beryllium	15		mg/kg	0.5
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Cadmium	Cadmium	0.5		mg/kg	0.1
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Chromium	Chromium	ND		mg/kg	1
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Copper	Copper	12		mg/kg	1
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Lead	Lead	32		mg/kg	1
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Mercury	Mercury	18	*	mg/kg	5
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Nickel	Nickel	ND	u	mg/kg	0.1
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Selenium	Selenium	25		mg/kg	1
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Silver	Silver	ND	N	mg/kg	0.5
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Thallium	Thallium	ND		mg/kg	1
HB6-SS2	D-5	0-2	IN	HAND BORING	M	Zinc	Zinc	ND	N	mg/kg	10
HB6-SS2	D-5	0-2	IN	HAND BORING	M			86		mg/kg	1
HB6-SS3	D-5	3-5	IN	HAND BORING	V	ALL VOLATILES	ALL SEMI - VOLATILES	ND	NA	ug/kg	NA
HB6-SS3	D-5	3-5	IN	HAND BORING	SV	Antimony	Antimony	ND	NA	ug/kg	NA
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Arsenic	Arsenic	ND	N	mg/kg	6
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Beryllium	Beryllium	13		mg/kg	0.5
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Cadmium	Cadmium	0.6		mg/kg	0.1
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Chromium	Chromium	ND		mg/kg	1
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Copper	Copper	14		mg/kg	1
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Lead	Lead	25		mg/kg	1
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Mercury	Mercury	15	*	mg/kg	5
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Nickel	Nickel	ND	u	mg/kg	0.1
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Selenium	Selenium	25		mg/kg	1
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Silver	Silver	ND	N	mg/kg	0.5
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Thallium	Thallium	ND		mg/kg	1
HB6-SS3	D-5	3-5	IN	HAND BORING	M	Zinc	Zinc	ND	N	mg/kg	10
HB6-SS3	D-5	3-5	IN	HAND BORING	M			92		mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW1-SS1	C-6	13-15	IN	MONITORING WELL	V	Ethylbenzene	1700		ug/kg	5
MW1-SS1	C-6	13-15	IN	MONITORING WELL	V	o-Xylene	1600		ug/kg	5
MW1-SS1	C-6	13-15	IN	MONITORING WELL	SV	ALL SEM - VOLATILES	ND	NA	ug/kg	NA
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Antimony	ND	N	mg/kg	6
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Arsenic	7.8	N	mg/kg	0.5
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Beryllium	ND	N	mg/kg	0.1
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Cadmium	ND	N	mg/kg	1
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Chromium	4.5	B	mg/kg	1
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Copper	12.7	N	mg/kg	1
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Lead	ND	N	mg/kg	5
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Mercury	DNV		mg/kg	0.1
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Nickel	13.3	N	mg/kg	1
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Selenium	ND	W	mg/kg	0.5
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Silver	ND	N	mg/kg	1
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Thallium	ND	N	mg/kg	10
MW1-SS1	C-6	13-15	IN	MONITORING WELL	M	Zinc	56.1	N	mg/kg	1
MW1-SS2	C-6	14-16	IN	MONITORING WELL	V	Benzene	1900		ug/kg	5
MW1-SS2	C-6	14-16	IN	MONITORING WELL	V	Ethylbenzene	11000		ug/kg	5
MW1-SS2	C-6	14-16	IN	MONITORING WELL	V	o-Xylene	20000		ug/kg	5
MW1-SS2	C-6	14-16	IN	MONITORING WELL	SV	Naphthalene	630		ug/kg	330
MW1-SS2	C-6	14-16	IN	MONITORING WELL	SV	2-Methylnaphthalene	1200		ug/kg	330
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Antimony	ND	N	mg/kg	6
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Arsenic	16.9	N	mg/kg	0.5
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Beryllium	ND	N	mg/kg	0.1
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Cadmium	ND	N	mg/kg	1
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Chromium	8.4	N	mg/kg	1
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Copper	17.2	N	mg/kg	1
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Lead	8.6	B	mg/kg	5
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Mercury	DNV		mg/kg	0.1
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Nickel	22.2	N	mg/kg	1
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Selenium	ND	W	mg/kg	0.5
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Silver	ND	N	mg/kg	1
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Thallium	ND	N	mg/kg	10
MW1-SS2	C-6	14-16	IN	MONITORING WELL	M	Zinc	63.8	N	mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	V	ALL VOLATILES	ND	NA	ug/kg	NA
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Antimony	ND	N	mg/kg	6
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Arsenic	15	N	mg/kg	0.5
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Beryllium	ND		mg/kg	0.1
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Cadmium	ND		mg/kg	1
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Chromium	15		mg/kg	1
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Copper	21		mg/kg	1
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Lead	17		mg/kg	5
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Mercury	ND		mg/kg	0.1
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Nickel	25		mg/kg	1
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Selenium	ND	N	mg/kg	0.5
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Silver	ND		mg/kg	1
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Thallium	ND		mg/kg	10
MW2-SS1	B-7	0-2	OUT	MONITORING WELL	M	Zinc	66	N	mg/kg	1
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	V	Methylene Chloride	5		ug/kg	5
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	SV	ALL SEMI-VOLATILES	ND	NA	ug/kg	NA
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Antimony	ND	N	mg/kg	6
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Arsenic	7.6	N	mg/kg	0.5
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Beryllium	0.2	B	mg/kg	0.1
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Cadmium	ND		mg/kg	1
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Chromium	12		mg/kg	1
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Copper	21		mg/kg	1
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Lead	31		mg/kg	5
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Mercury	ND		mg/kg	0.1
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Nickel	21		mg/kg	1
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Selenium	ND	N	mg/kg	0.5
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Silver	ND		mg/kg	1
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Thallium	ND		mg/kg	10
MW2-SS2	B-7	0-2	OUT	MONITORING WELL	M	Zinc	74	N	mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR	FOR				
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	V	Methylene Chloride ALL SEMI-VOLATILES	5	5	NA	ug/kg	5
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	SV		ND	ND	N	ug/kg	NA
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		ND	ND	N	mg/kg	6
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		8.6	8.6	N	mg/kg	0.5
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		ND	ND		mg/kg	0.1
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		ND	ND		mg/kg	1
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		8	8		mg/kg	1
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		24	24		mg/kg	1
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		26	26		mg/kg	5
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		ND	ND		mg/kg	0.1
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		9.2	9.2	B	mg/kg	1
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		ND	ND	N	mg/kg	0.5
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		ND	ND		mg/kg	1
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		ND	ND		mg/kg	10
MW2-SS3	B-7	3-5	OUT	MONITORING WELL	M		76	76	N	mg/kg	1
MW3-SS1	C-4	0-2	IN	MONITORING WELL	SV		ND	ND	NA	ug/kg	NA
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		15.3	15.3	N	mg/kg	6
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		ND	ND	N	mg/kg	0.5
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		ND	ND		mg/kg	0.1
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		13.1	13.1		mg/kg	1
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		20.5	20.5		mg/kg	1
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		15.6	15.6		mg/kg	5
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		ND	ND		mg/kg	0.1
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		24.1	24.1	W	mg/kg	1
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		ND	ND		mg/kg	0.5
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		ND	ND	N	mg/kg	1
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		87.1	87.1		mg/kg	10
MW3-SS1	C-4	0-2	IN	MONITORING WELL	M		Zinc	Zinc		mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #				GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
									ALL SEMI-VOLATILES					
MW3-SS2	C-4	8-10	IN	MONITORING WELL	SV				Antimony	ND	NA	ug/kg	NA	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Arsenic	ND	N	mg/kg	6	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Beryllium	16.1		mg/kg	0.5	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Cadmium	ND	N	mg/kg	0.1	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Chromium	ND		mg/kg	1	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Copper	14.1		mg/kg	1	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Lead	19.1		mg/kg	1	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Mercury	13.7		mg/kg	5	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Nickel	ND		mg/kg	0.1	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Selenium	24.9		mg/kg	1	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Silver	ND		mg/kg	0.5	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Thallium	ND	N	mg/kg	1	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M				Zinc	10.5		mg/kg	10	
MW3-SS2	C-4	8-10	IN	MONITORING WELL	M					83.7		mg/kg	1	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	SV				Benzo(k)Fluoranthene	560		ug/kg	330	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	SV				Fluoranthene	420		ug/kg	330	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Antimony	ND	N	mg/kg	6	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Arsenic	14.1		mg/kg	0.5	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Beryllium	0.79		mg/kg	0.1	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Cadmium	6.3	G	mg/kg	1	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Chromium	22.1		mg/kg	1	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Copper	29.3		mg/kg	1	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Lead	41.9		mg/kg	5	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Mercury	ND		mg/kg	0.1	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Nickel	28.2		mg/kg	1	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Selenium	ND	W	mg/kg	0.5	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Silver	ND		mg/kg	1	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Thallium	ND		mg/kg	10	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M				Zinc	ND		mg/kg	1	
SU1+2-GS1	B-2,C-2	0-2	IN	SURFACE SOIL SAMPLE	M					422		mg/kg	1	

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR					
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(k) Fluoranthene		500		ug/kg	330
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene		570		ug/kg	330
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	N	ND		mg/kg	6
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic		19.7		mg/kg	0.5
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium		0.8		mg/kg	0.1
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	G	8.3		mg/kg	1
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium		22.4		mg/kg	1
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Copper		28.1		mg/kg	1
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Lead		35.3		mg/kg	5
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury		ND		mg/kg	0.1
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel		28.3		mg/kg	1
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium		ND		mg/kg	0.5
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Silver		ND		mg/kg	1
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium		ND		mg/kg	10
SU3+4-GS1	D-2D-3	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc		134		mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR					
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Anthracene		580		ug/kg	330
SU5+6-GS1	B-3,~	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Anthracene		2100		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene		2600		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene		3200		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(g,h,i)Perylene		1700		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(k)Fluoranthene		2800		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Bis(2-ethylhexyl)Phthalate		4100		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Chrysene		2800		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Dibenz(a,h)Anthracene		360		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene		4100		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Indeno(1,2,3-cd)Pyrene		1700		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Phenanthrene		4200		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene		5600		ug/kg	330
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	N	ND		mg/kg	6
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	S	17.7		mg/kg	0.5
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium		0.75		mg/kg	0.1
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	G	8.9		mg/kg	1
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium		25.6		mg/kg	1
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Copper		57.9		mg/kg	1
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Lead		187		mg/kg	5
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury		ND		mg/kg	0.1
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel		19.1		mg/kg	1
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	W	ND		mg/kg	0.5
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Silver		ND		mg/kg	1
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium		ND		mg/kg	10
SU5+6-GS1	B-3,C-3	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc		433		mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

ANALYSIS						RESULTS	QUALIFIER	UNITS	DETECTION LIMIT	
SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY					FOR
SU7+8-GS1	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	530		ug/kg	330
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Di-n-butyl Phthalate	940		ug/kg	330
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene	520		ug/kg	330
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	ND	N	mg/kg	6
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	15.2		mg/kg	0.5
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.9		mg/kg	0.1
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	6	G	mg/kg	1
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	22.1		mg/kg	1
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	23.1		mg/kg	1
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	55.7		mg/kg	5
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	ND		mg/kg	0.1
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	20.6		mg/kg	1
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	ND		mg/kg	0.5
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	ND		mg/kg	1
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	ND		mg/kg	10
SU7+8-GS	B-4,C-4	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	296		mg/kg	1
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene	360		ug/kg	330
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene	570		ug/kg	330
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(k)Fluoranthene	380		ug/kg	330
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Chrysene	420		ug/kg	330
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene	840		ug/kg	330
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Phenanthrene	410		ug/kg	330
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene	630		ug/kg	330
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	ND	N	mg/kg	6
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic	17.9		mg/kg	0.5
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium	0.95		mg/kg	0.1
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	9.1	G	mg/kg	1
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium	20.1		mg/kg	1
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Copper	73.1		mg/kg	1
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Lead	72.8		mg/kg	5
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury	ND		mg/kg	0.1
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel	26.6		mg/kg	1
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	ND		mg/kg	0.5
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Silver	ND		mg/kg	1
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium	ND		mg/kg	10
SU9+10-GS	D-4,E-4	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc	260		mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR					
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(a)Pyrene		530		ug/kg	330
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene		850		ug/kg	330
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(k)Fluoranthene		460		ug/kg	330
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Bis(2-ethylhexyl)Phthalate		480		ug/kg	330
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Chrysene		540		ug/kg	330
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Di-n-butyl Phthalate		6500		ug/kg	330
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluorene		1400		ug/kg	330
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Phenanthrene		1100		ug/kg	330
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene		1000		ug/kg	330
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	N	ND		mg/kg	6
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic		17.7		mg/kg	0.5
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium		0.78		mg/kg	0.1
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	G	8		mg/kg	1
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium		19.5		mg/kg	1
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Copper		29.7		mg/kg	1
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Lead		35		mg/kg	5
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury		ND		mg/kg	0.1
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel		26.5		mg/kg	1
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	S	ND		mg/kg	0.5
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Silver		ND		mg/kg	1
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium		ND		mg/kg	10
SU11+12-GS	C-5,D-5	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc		113		mg/kg	1
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene		430		ug/kg	330
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene		440		ug/kg	330
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	N	ND		mg/kg	6
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic		12.8		mg/kg	0.5
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium		0.89		mg/kg	0.1
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	G	7.7		mg/kg	1
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium		19.6		mg/kg	1
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Copper		19.7		mg/kg	1
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Lead		41.5		mg/kg	5
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury		ND		mg/kg	0.1
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel		14.8		mg/kg	1
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium		ND		mg/kg	0.5
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Silver		ND		mg/kg	1
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium		ND		mg/kg	10
SU13+14-GS	B-6,C-5	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc		120		mg/kg	1

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA ANALYTICAL RESULTS - SOIL

SAMPLE #	GRID #	DEPTH	IN/OUT	DESCRIPTION	CATEGORY	ANALYSIS		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
						FOR					
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	SV	Benzo(b)Fluoranthene		840		ug/kg	330
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	SV	Fluoranthene		740		ug/kg	330
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	SV	Pyrene		520		ug/kg	330
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Antimony	N	ND		mg/kg	6
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Arsenic		17.2		mg/kg	0.5
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Beryllium		0.75		mg/kg	0.1
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Cadmium	G	7.7		mg/kg	1
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Chromium		23.9		mg/kg	1
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Copper		30.7		mg/kg	1
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Lead		52.1		mg/kg	5
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Mercury		ND		mg/kg	0.1
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Nickel		26.4		mg/kg	1
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Selenium	W	ND		mg/kg	0.5
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Silver		ND		mg/kg	1
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Thallium		ND		mg/kg	10
SU15+16-GS	C-6,D-6	0-2	IN	SURFACE SOIL SAMPLE	M	Zinc		135		mg/kg	1

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	V	Benzene	94		ug/L	5
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	V	Acetone	120	U	ug/L	100
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	SV	ALL SEMI-VOLATILES	ND	NA	ug/L	NA
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	V	o-Xylene	20		ug/L	5
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Antimony	ND		mg/L	0.06
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Arsenic	0.34		mg/L	0.005
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Beryllium	ND	N	mg/L	0.001
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Cadmium	0.15		mg/L	0.01
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Chromium	0.52		mg/L	0.01
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Copper	0.88		mg/L	0.01
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Lead	0.82		mg/L	0.005
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Mercury	0.0003		mg/L	0.0002
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Nickel	0.84		mg/L	0.01
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Selenium	ND	T	mg/L	0.005
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Silver	ND	N	mg/L	0.01
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Thallium	ND		mg/L	0.1
MW1 - GW1	C-6		19-Sep-88	Groundwater Sample	M	Zinc	3.6		mg/L	0.01
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	V	Benzene	34		ug/L	5
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	SV	2-Methylnaphthalene	13		ug/L	10
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Antimony	ND		mg/L	0.06
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Arsenic	0.4		mg/L	0.005
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Beryllium	ND	N	mg/L	0.001
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Cadmium	0.18		mg/L	0.01
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Chromium	0.66		mg/L	0.01
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Copper	1.1		mg/L	0.01
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Lead	0.99		mg/L	0.005
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Mercury	0.0003		mg/L	0.0002
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Nickel	1		mg/L	0.01
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Selenium	ND	T	mg/L	0.005
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Silver	ND	N	mg/L	0.01
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Thallium	ND		mg/L	0.1
MW1 - GW1D	C-6		19-Sep-88	Groundwater Sample	M	Zinc	4.3		mg/L	0.01

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

YES/NO			ANALYSIS			DETECTION				
SAMPLE #	GRID #	FILTERED	DATE	DESCRIPTION	CATEGORY	FOR	RESULTS	QUALIFIER	UNITS	LIMIT
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	V	ALL VOLATILES	ND	NA	ug/L	NA
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	SV	ALL SEMI-VOLATILES	ND	NA	ug/L	NA
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Antimony	ND		mg/L	0.06
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Arsenic	0.184		mg/L	0.005
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Beryllium	ND	N	mg/L	0.001
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Cadmium	0.12		mg/L	0.01
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Chromium	0.28		mg/L	0.01
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Copper	0.66		mg/L	0.01
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Lead	0.55		mg/L	0.005
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Mercury	0.0002		mg/L	0.0002
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Nickel	0.45		mg/L	0.01
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Selenium	ND	Y	mg/L	0.005
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Silver	ND	N	mg/L	0.01
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Thallium	ND		mg/L	0.1
MW2-GW1	B-7		19-Sep-88	Groundwater Sample	M	Zinc	2.4		mg/L	0.01
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	V	Trichloroethylene	44		ug/L	5
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	SV	ALL SEMI-VOLATILES	ND	NA	ug/L	NA
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Antimony	ND		mg/L	0.06
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Arsenic	0.14		mg/L	0.005
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Beryllium	ND	N	mg/L	0.001
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Cadmium	0.04		mg/L	0.01
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Chromium	0.16		mg/L	0.01
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Copper	0.2		mg/L	0.01
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Lead	0.19		mg/L	0.005
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Mercury	ND		mg/L	0.0002
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Nickel	0.27		mg/L	0.01
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Selenium	0.0082	S	mg/L	0.005
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Silver	ND	N	mg/L	0.01
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Thallium	ND		mg/L	0.1
MW3-GW1	C-4		22-Sep-88	Groundwater Sample	M	Zinc	0.94		mg/L	0.01
MW3-GW1	C-4		17-Oct-88	Groundwater Sample	SV	Bis(2-ethylhexyl)phthalat	24	B	ug/L	10

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS – GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Antimony	35.3	U	ug/L	60
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Arsenic	9.5	B	ug/L	10
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Beryllium	3.9	U	ug/L	5
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Cadmium	4.9	U	ug/L	5
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Chromium	70.4		ug/L	10
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Copper	171		ug/L	25
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Lead	195		ug/L	3
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Mercury	0.1	U	ug/L	0.2
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Nickel	121		ug/L	40
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Selenium	5.5		ug/L	5
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Silver	9.1	U	ug/L	10
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Thallium	0.9	U	ug/L	10
MW1 – GW2	C-6	NO	06 – Feb – 90	Groundwater Sample	M	Zinc	678		ug/L	20
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Antimony	40.2	U	ug/L	60
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Arsenic	9.4	B	ug/L	10
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Beryllium	2.3	U	ug/L	5
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Cadmium	1.9	U	ug/L	5
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Chromium	8.7	U	ug/L	10
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Copper	4.1	U	ug/L	25
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Lead	7.7	SJ	ug/L	3
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Mercury	0.11	B	ug/L	0.2
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Nickel	23.6	U	ug/L	40
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Selenium	1.7	U	ug/L	5
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Silver	6.6	U	ug/L	10
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Thallium	0.9	U	ug/L	10
MW1 – GW2	C-6	YES	06 – Feb – 90	Groundwater Sample	M	Zinc	10	BJ	ug/L	20

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

YES/NO			ANALYSIS FOR				DETECTION			
SAMPLE #	GRID #	FILTERED	DATE	DESCRIPTION	CATEGORY	FOR	RESULTS	QUALIFIER	UNITS	LIMIT
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Antimony	40.2	U	ug/L	60
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Arsenic	6.5	B	ug/L	10
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Beryllium	2.3	U	ug/L	5
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Cadmium	1.9	U	ug/L	5
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Chromium	33		ug/L	10
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Copper	101		ug/L	25
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Lead	84.5	S	ug/L	3
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Mercury	0.1	U	ug/L	0.2
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Nickel	52		ug/L	40
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Selenium	1.9	BW	ug/L	5
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Silver	6.6	U	ug/L	10
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Thallium	0.9	U	ug/L	10
MW2-GW2	B-7	NO	07-Feb-90	Groundwater Sample	M	Zinc	340		ug/L	20
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Antimony	34.6	U	ug/L	60
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Arsenic	4.2	BW	ug/L	10
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Beryllium	3.8	U	ug/L	5
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Cadmium	4.8	U	ug/L	5
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Chromium	9.8	U	ug/L	10
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Copper	6	U	ug/L	25
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Lead	14	W	ug/L	3
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Mercury	0.1	U	ug/L	0.2
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Nickel	31.1	U	ug/L	40
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Selenium	1.4	U	ug/L	5
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Silver	8.9	U	ug/L	10
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Thallium	0.9	U	ug/L	10
MW2-GW2	B-7	YES	07-Feb-90	Groundwater Sample	M	Zinc	18	BJ	ug/L	20

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS – GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Antimony	40.2	U	ug/L	60
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Arsenic	5.9	B	ug/L	10
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Beryllium	2.3	U	ug/L	5
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Cadmium	1.9	U	ug/L	5
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Chromium	8.7	U	ug/L	10
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Copper	7	B	ug/L	25
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Lead	9.7	J	ug/L	3
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Mercury	0.1	U	ug/L	0.2
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Nickel	23.6	U	ug/L	40
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Selenium	1.7	U	ug/L	5
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Silver	6.6	U	ug/L	10
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Thallium	0.9	U	ug/L	10
MW3 – GW2	C-4	NO	06 – Feb – 90	Groundwater Sample	M		Zinc	35	J	ug/L	20
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Antimony	34.6	U	ug/L	60
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Arsenic	2	B	ug/L	10
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Beryllium	3.8	U	ug/L	5
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Cadmium	4.8	U	ug/L	5
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Chromium	9.8	U	ug/L	10
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Copper	6	U	ug/L	25
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Lead	5.3	U	ug/L	3
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Mercury	0.1	U	ug/L	0.2
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Nickel	31.1	U	ug/L	40
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Selenium	1.4	U	ug/L	5
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Silver	8.9	U	ug/L	10
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Thallium	0.9	U	ug/L	10
MW3 – GW2	C-4	YES	06 – Feb – 90	Groundwater Sample	M		Zinc	17	BJ	ug/L	20

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Antimony	34.6	U	ug/L	60
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Arsenic	18.5		ug/L	10
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Beryllium	3.8	U	ug/L	5
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Cadmium	4.8	U	ug/L	5
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Chromium	39		ug/L	10
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Copper	73		ug/L	25
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Lead	27.1	S	ug/L	3
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Mercury	0.1	U	ug/L	0.2
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Nickel	73		ug/L	40
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Selenium	1.5	BW	ug/L	
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Silver	8.9	U	ug/L	10
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Thallium	0.9	U	ug/L	20
MW4 - GW1	B-2	NO	06-Feb-90	Groundwater Sample	M	Zinc	340		ug/L	60
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Antimony	40.2	U	ug/L	10
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Arsenic	1.5	U	ug/L	5
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Beryllium	2.3	U	ug/L	5
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Cadmium	1.9	U	ug/L	10
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Chromium	8.7	U	ug/L	25
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Copper	4.1	U	ug/L	3
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Lead	12.5		ug/L	0.2
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Mercury	0.1	U	ug/L	40
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Nickel	23.6	U	ug/L	5
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Selenium	1.7	UW	ug/L	10
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Silver	6.6	U	ug/L	10
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Thallium	0.9	U	ug/L	20
MW4 - GW1	B-2	YES	06-Feb-90	Groundwater Sample	M	Zinc	10	BU	ug/L	

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

YES/NO FILTERED			DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SAMPLE #	GRID #										
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Antimony	35.3	U	ug/L	60
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Arsenic	9.2	BW	ug/L	10
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Beryllium	3.9	U	ug/L	5
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Cadmium	4.9	U	ug/L	5
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Chromium	32.6		ug/L	10
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Copper	101		ug/L	25
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Lead	84		ug/L	3
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Mercury	0.1	U	ug/L	0.2
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Nickel	83.6		ug/L	40
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Selenium	13	BW	ug/L	5
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Silver	9.1	U	ug/L	10
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Thallium	0.9	U	ug/L	10
MW6 - GW1	E-5	NO	07 - Feb - 90	Groundwater Sample	M		Zinc	455		ug/L	20
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Antimony	40.2	U	ug/L	60
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Arsenic	1.5	U	ug/L	10
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Beryllium	2.3	U	ug/L	5
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Cadmium	1.9	U	ug/L	5
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Chromium	8.7	U	ug/L	10
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Copper	4.1	U	ug/L	25
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Lead	3.1	J	ug/L	3
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Mercury	0.1	U	ug/L	0.2
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Nickel	23.6	U	ug/L	40
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Selenium	1.7	U	ug/L	5
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Silver	6.6	U	ug/L	10
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Thallium	0.9	U	ug/L	10
MW6 - GW1	E-5	YES	07 - Feb - 90	Groundwater Sample	M		Zinc	5	BJ	ug/L	20

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS – GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Antimony	34.6	U	ug/L	60
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Arsenic	17.9		ug/L	10
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Beryllium	3.8	U	ug/L	5
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Cadmium	4.8	U	ug/L	5
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Chromium	27		ug/L	10
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Copper	31		ug/L	25
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Lead	25.8	+	ug/L	3
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Mercury	0.1	U	ug/L	0.2
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Nickel	31.1	U	ug/L	40
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Selenium	1.4	UW	ug/L	5
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Silver	8.9	U	ug/L	10
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Thallium	0.9	U	ug/L	10
MW7 – GW1	D-8	NO	07 – Feb – 90	Groundwater Sample	M		Zinc	168		ug/L	20
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Antimony	40.2	U	ug/L	60
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Arsenic	6.9	B	ug/L	10
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Beryllium	2.3	U	ug/L	5
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Cadmium	1.9	U	ug/L	5
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Chromium	8.7	U	ug/L	10
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Copper	4.1	U	ug/L	25
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Lead	4.9	J	ug/L	3
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Mercury	0.1	U	ug/L	0.2
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Nickel	23.6	U	ug/L	40
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Selenium	1.7	U	ug/L	5
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Silver	6.6	U	ug/L	10
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Thallium	0.9	U	ug/L	10
MW7 – GW1	D-8	YES	07 – Feb – 90	Groundwater Sample	M		Zinc	8	BJ	ug/L	20

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Antimony	40.2	U	ug/L	60
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Arsenic	1.7	BW	ug/L	10
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Beryllium	3	B	ug/L	5
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Cadmium	1.9	U	ug/L	5
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Chromium	65		ug/L	10
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Copper	135		ug/L	25
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Lead	58.1		ug/L	3
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Mercury	0.1	U	ug/L	0.2
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Nickel	134		ug/L	40
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Selenium	1.7	UW	ug/L	5
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Silver	6.6	U	ug/L	10
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Thallium	0.9	U	ug/L	10
MW8-GW1	C-10	NO	07-Feb-90	Groundwater Sample	M	Zinc	642		ug/L	20
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Antimony	34.6	U	ug/L	60
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Arsenic	3.1	BW	ug/L	10
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Beryllium	3.8	U	ug/L	5
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Cadmium	4.8	U	ug/L	5
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Chromium	9.8	U	ug/L	10
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Copper	6	U	ug/L	25
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Lead	6		ug/L	3
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Mercury	0.1	U	ug/L	0.2
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Nickel	31.1	U	ug/L	40
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Selenium	1.4	U	ug/L	5
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Silver	8.9	U	ug/L	10
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Thallium	0.9	U	ug/L	10
MW8-GW1	C-10	YES	07-Feb-90	Groundwater Sample	M	Zinc	21	J	ug/L	20

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			40.2	U	ug/L	60
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			8.4	BS	ug/L	10
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			2.3	B	ug/L	5
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			1.9	U	ug/L	5
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			24		ug/L	10
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			15	B	ug/L	25
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			33.3		ug/L	3
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			0.1	U	ug/L	0.2
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			23.6		ug/L	40
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			1.7	UW	ug/L	5
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			6.6	U	ug/L	10
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			0.9	U	ug/L	10
MW9-GW1	A-4	NO	16-Feb-90	Groundwater Sample	M			62		ug/L	20
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			40.2	U	ug/L	60
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			2	B	ug/L	10
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			2.3	U	ug/L	5
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			1.9	U	ug/L	5
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			8.7	U	ug/L	10
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			4.1	U	ug/L	25
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			3.6	J	ug/L	3
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			0.1	U	ug/L	0.2
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			23.6	U	ug/L	40
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			1.7	UW	ug/L	5
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			6.6	U	ug/L	10
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			0.9	U	ug/L	10
MW9-GW1	A-4	YES	16-Feb-90	Groundwater Sample	M			13	BJ	ug/L	20
MW1-GW2	C-6		06-Feb-90	Groundwater Sample	V			100	UJ	ug/L	10
MW1-GW2	C-6		06-Feb-90	Groundwater Sample	V			100	U	ug/L	10
MW1-GW2	C-6		06-Feb-90	Groundwater Sample	V			50	U	ug/L	10
MW1-GW2	C-6		06-Feb-90	Groundwater Sample	V			560	D	ug/L	10
MW1-GW2	C-6		06-Feb-90	Groundwater Sample	V			50	U	ug/L	10
MW1-GW2	C-6		06-Feb-90	Groundwater Sample	V			50	U	ug/L	10
MW1-GW2	C-6		06-Feb-90	Groundwater Sample	V			110		ug/L	10
MW1-GW2	C-6		06-Feb-90	Groundwater Sample	V			35		ug/L	10
MW1-GW2	C-6		06-Feb-90	Groundwater Sample	V			86		ug/L	10
MW2-GW2	B-7		07-Feb-90	Groundwater Sample	V			100	U	ug/L	10
MW2-GW2	B-7		07-Feb-90	Groundwater Sample	V			100	U	ug/L	10
MW2-GW2	B-7		07-Feb-90	Groundwater Sample	V			50	U	ug/L	10
MW2-GW2	B-7		07-Feb-90	Groundwater Sample	V			50	U	ug/L	10
MW2-GW2	B-7		07-Feb-90	Groundwater Sample	V			50	U	ug/L	10

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR			RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW3 - GW2	C-4		06 - Feb - 90	Groundwater Sample	V	Acetone			100	U	ug/L	10
MW3 - GW2	C-4		06 - Feb - 90	Groundwater Sample	V	2 - Butanone			100	U	ug/L	10
MW3 - GW2	C-4		06 - Feb - 90	Groundwater Sample	V	Vinyl Acetate			50	U	ug/L	10
MW3 - GW2	C-4		06 - Feb - 90	Groundwater Sample	V	Trichloroethene			7	U	ug/L	10
MW3 - GW2	C-4		06 - Feb - 90	Groundwater Sample	V	2 - Hexanone			50	U	ug/L	10
MW3 - GW2	C-4		06 - Feb - 90	Groundwater Sample	V	4 - Methyl - 2 - pentanone			50	U	ug/L	10
MW4 - GW1	B-2		06 - Feb - 90	Groundwater Sample	V	Acetone			100	U	ug/L	10
MW4 - GW1	B-2		06 - Feb - 90	Groundwater Sample	V	2 - Butanone			100	U	ug/L	10
MW4 - GW1	B-2		06 - Feb - 90	Groundwater Sample	V	Vinyl Acetate			50	U	ug/L	10
MW4 - GW1	B-2		06 - Feb - 90	Groundwater Sample	V	2 - Hexanone			50	U	ug/L	10
MW4 - GW1	B-2		06 - Feb - 90	Groundwater Sample	V	4 - Methyl - 2 - pentanone			50	U	ug/L	10
MW6 - GW1	E-6		07 - Feb - 90	Groundwater Sample	V	Acetone			100	U	ug/L	10
MW6 - GW1	E-6		07 - Feb - 90	Groundwater Sample	V	Trans - 1,2 - Dichloroethene			8	U	ug/L	10
MW6 - GW1	E-6		07 - Feb - 90	Groundwater Sample	V	2 - Butanone			100	U	ug/L	10
MW6 - GW1	E-6		07 - Feb - 90	Groundwater Sample	V	Vinyl Acetate			50	U	ug/L	10
MW6 - GW1	E-6		07 - Feb - 90	Groundwater Sample	V	Trichloroethene			78	U	ug/L	10
MW6 - GW1	E-6		07 - Feb - 90	Groundwater Sample	V	2 - Hexanone			50	U	ug/L	10
MW6 - GW1	E-6		07 - Feb - 90	Groundwater Sample	V	4 - Methyl - 2 - pentanone			50	U	ug/L	10

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Chloromethane	100	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Bromoethane	100	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Vinyl Chloride	100	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Chloroethane	100	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Methylene Chloride	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Aroclen	100	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Acetone	1000	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Arylonitrile	100	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Carbon Disulfide	100	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Trichlorofluoromethane	100	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	1,1 - Dichloroethane	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	1,1 - Dichloroethane	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Trans - 1,2 - Dichloroethane	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Chloroform	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	1,2 - Dichloroethane	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	2 - Butanone	100	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	1,1,1 - Trichloroethane	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Carbon Tetrachloride	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Vinyl Acetate	500	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Bromodichloromethane	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	1,2 - Dichloropropane	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	cis - 1,3 - Dichloropropane	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Trichloroethene	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Benzene	200	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Dibromochloromethane	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	1,1,2 - Trichloroethane	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	trans - 1,3 - Dichloropropane	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	2 - Chloroethylvinylether	100	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Bromofom	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	2 - Hexanone	500	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	4 - Methyl - 2 - pentanone	500	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Tetrachloroethene	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	1,1,2,2 - Tetrachloroethene	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Toluene	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Chlorobenzene	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Ethylbenzene	90	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	Styrene	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	m/p - Xylene	21	J	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	o - Xylene	70	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	1,3 - Dichlorobenzene	50	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	V	1,2,4 - Dichlorobenzene	50	U	ug/L	10

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW8 - GW1	C-10		07 - Feb - 90	Groundwater Sample	V	Methylene Chloride	5	UJ	ug/L	10
MW8 - GW1	C-10		07 - Feb - 90	Groundwater Sample	V	Acetone	100	U	ug/L	10
MW8 - GW1	C-10		07 - Feb - 90	Groundwater Sample	V	2 - Butanone	100	U	ug/L	10
MW8 - GW1	C-10		07 - Feb - 90	Groundwater Sample	V	Vinyl Acetate	50	U	ug/L	10
MW8 - GW1	C-10		07 - Feb - 90	Groundwater Sample	V	2 - Hexanone	50	U	ug/L	10
MW8 - GW1	C-10		07 - Feb - 90	Groundwater Sample	V	4 - Methyl-2-pentanone	50	U	ug/L	10
MW9 - GW1	A-4		16 - Feb - 90	Groundwater Sample	V	Acetone	100	U	ug/L	10
MW9 - GW1	A-4		16 - Feb - 90	Groundwater Sample	V	2 - Butanone	100	U	ug/L	10
MW9 - GW1	A-4		16 - Feb - 90	Groundwater Sample	V	Vinyl Acetate	50	U	ug/L	10
MW9 - GW1	A-4		16 - Feb - 90	Groundwater Sample	V	2 - Hexanone	50	U	ug/L	10
MW9 - GW1	A-4		16 - Feb - 90	Groundwater Sample	V	4 - Methyl-2-pentanone	50	U	ug/L	10
D9			07 - Feb - 90	Groundwater Sample	V	Methylene Chloride	5	UJ	ug/L	10
D9			07 - Feb - 90	Groundwater Sample	V	Acetone	100	U	ug/L	10
D9			07 - Feb - 90	Groundwater Sample	V	2 - Butanone	100	U	ug/L	10
D9			07 - Feb - 90	Groundwater Sample	V	Vinyl Acetate	50	U	ug/L	10
D9			07 - Feb - 90	Groundwater Sample	V	2 - Hexanone	50	U	ug/L	10
D9			07 - Feb - 90	Groundwater Sample	V	4 - Methyl-2-pentanone	50	U	ug/L	10
MW1 - GW2	C-6		06 - Feb - 90	Groundwater Sample	SV	3,3' - Dichlorobenzidine	20	U	ug/L	10
MW2 - GW2	B-7		07 - Feb - 90	Groundwater Sample	SV	3,3' - Dichlorobenzidine	20	U	ug/L	10
MW3 - GW2	C-4		06 - Feb - 90	Groundwater Sample	SV	ALL SEMI-VOLATILES	ND	J	ug/L	NA
MW4 - GW1	B-2		06 - Feb - 90	Groundwater Sample	SV	3,3' - Dichlorobenzidine	20	U	ug/L	10
MW6 - GW1	E-5		07 - Feb - 90	Groundwater Sample	SV	3,3' - Dichlorobenzidine	20	U	ug/L	10
MW7 - GW1	D-7		07 - Feb - 90	Groundwater Sample	SV	3,3' - Dichlorobenzidine	20	U	ug/L	10
MW7 - GW1	C-10		07 - Feb - 90	Groundwater Sample	SV	2 - Methylanthralene	5	J	ug/L	10
MW7 - GW1	C-10		07 - Feb - 90	Groundwater Sample	SV	3,3' - Dichlorobenzidine	20	U	ug/L	10
MW9 - GW1	A-4		16 - Feb - 90	Groundwater Sample	SV	3,3' - Dichlorobenzidine	20	U	ug/L	10
D-9			07 - Feb - 90	Groundwater Sample	SV	2 - Methylanthralene	5	J	ug/L	10
D-9			07 - Feb - 90	Groundwater Sample	SV	3,3' - Dichlorobenzidine	20	U	ug/L	10
D-9	B-7		17 - Oct - 91	Groundwater Sample	SV	ALL SEMI-VOLATILES	ND	NA	ug/L	NA
MW-4	B-2		17 - Oct - 91	Groundwater Sample	SV	ALL SEMI-VOLATILES	ND	NA	ug/L	NA

RICKENBACKER ANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW-6	E-5		17-Oct-91	Groundwater Sample	SV	ALL SEMI-VOLATILES	ND	NA	ug/L	NA
MW-7	D-7		17-Oct-91	Groundwater Sample	SV	Naphthalene	6	J	ug/L	
MW-7	D-7		17-Oct-91	Groundwater Sample	SV	2-Methylnaphthalene	2	J	ug/L	
MW-8	A-8		17-Oct-91	Groundwater Sample	SV	ALL SEMI-VOLATILES	ND	NA	ug/L	NA
MW-11	F-7		17-Oct-91	Groundwater Sample	SV	ALL SEMI-VOLATILES	ND	NA	ug/L	NA
MW-11DUP	F-7		17-Oct-91	Groundwater Sample	SV	ALL SEMI-VOLATILES	ND	NA	ug/L	NA
MW-12	E-9		17-Oct-91	Groundwater Sample	SV	ALL SEMI-VOLATILES	ND	NA	ug/L	NA
MW-2	B-7		17-Oct-91	Groundwater Sample	V	1,1,1-Trichloroethane	2	J	ug/L	
MW-3	C-4		17-Oct-91	Groundwater Sample	V	Trichloroethane	10		ug/L	
MW-3R	C-4		17-Oct-91	Groundwater Sample	V	Trichloroethane	8	J	ug/L	
MW-4	B-2		17-Oct-91	Groundwater Sample	V	ALL VOLATILES	ND	NA	ug/L	NA
MW-6	E-5		17-Oct-91	Groundwater Sample	V	1,2-Dichloroethane (total)	190		ug/L	
MW-6	E-5		17-Oct-91	Groundwater Sample	V	Trichloroethane	2000		ug/L	
MW-7	D-7		17-Oct-91	Groundwater Sample	V	Vinyl chloride	17		ug/L	
MW-7	D-7		17-Oct-91	Groundwater Sample	V	Benzene	19		ug/L	
MW-7	D-7		17-Oct-91	Groundwater Sample	V	Toluene	2	J	ug/L	
MW-7	D-7		17-Oct-91	Groundwater Sample	V	Ethylbenzene	62		ug/L	
MW-7	D-7		17-Oct-91	Groundwater Sample	V	Xylene (total)	36		ug/L	
MW-8	C-10		17-Oct-91	Groundwater Sample	V	1,1,1-Trichloroethane	3	J	ug/L	
MW-9	A-4		17-Oct-91	Groundwater Sample	V	ALL VOLATILES	ND	NA	ug/L	NA
MW-10	A-8		17-Oct-91	Groundwater Sample	V	ALL VOLATILES	ND	NA	ug/L	NA
MW-11	F-7		17-Oct-91	Groundwater Sample	V	ALL VOLATILES	ND	NA	ug/L	NA
MW-11DUP	F-7		17-Oct-91	Groundwater Sample	V	ALL VOLATILES	ND	NA	ug/L	NA
MW-12	E-9		17-Oct-91	Groundwater Sample	V	ALL VOLATILES	ND	NA	ug/L	NA

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

YES/NO					ANALYSIS		DETECTION			
SAMPLE #	GRID #	FILTERED	DATE	DESCRIPTION	CATEGORY	FOR	RESULTS	QUALIFIER	UNITS	LIMIT
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Antimony	28.2	J	ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Arsenic	22.5	J	ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Beryllium	5.1		ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Cadmium	8		ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Chromium	101	J	ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Copper	347		ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Lead	259		ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Mercury	0.17		ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Nickel	196		ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Selenium	4	R	ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Silver	3	U	ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Thallium	4	R	ug/L	
MW-2	B-7	NO	17-Oct-91	Groundwater Sample	M	Zinc	1090		ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Antimony	9	U	ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Arsenic	5.1		ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Beryllium	1	U	ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Cadmium	2	U	ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Chromium	3	U	ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Copper	3.1	J	ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Lead	7.7	J	ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Mercury	0.1	U	ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Nickel	9	U	ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Selenium	2.2	UJ	ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Silver	3	U	ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Thallium	2.2	U	ug/L	
MW-2	B-7	YES	17-Oct-91	Groundwater Sample	M	Zinc	4.7	J	ug/L	

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Antimony	29.5	J	ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Arsenic	6.9	J	ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Beryllium	3.7		ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Cadmium	4.6		ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Chromium	96.7	J	ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Copper	208		ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Lead	109		ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Mercury	0.29		ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Nickel	202		ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Selenium	8	R	ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Silver	3	U	ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Thallium	4	R	ug/L	
MW-4	B-2	NO	17-Oct-91	Groundwater Sample	M	Zinc	645		ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Antimony	9	U	ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Arsenic	2		ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Beryllium	1	U	ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Cadmium	2	U	ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Chromium	3	U	ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Copper	3	U	ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Lead	1.9	J	ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Mercury	0.1	U	ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Nickel	9	U	ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Selenium	2.2	UJ	ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Silver	3	U	ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Thallium	2.2	U	ug/L	
MW-4	B-2	YES	17-Oct-91	Groundwater Sample	M	Zinc	3	J	ug/L	

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Antimony	24.8	J	ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Arsenic	2	J	ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Beryllium	12.1		ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Cadmium	18.9		ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Chromium	247		ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Copper	868		ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Lead	647		ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Mercury	0.55		ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Nickel	730		ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Selenium	8	R	ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Silver	3	U	ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Thallium	4	R	ug/L	
MW-6	E-5	NO	17-Oct-91	Groundwater Sample	M	Zinc	3260		ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Antimony	9	U	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Arsenic	2	U	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Beryllium	1	U	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Cadmium	2	U	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Chromium	3	U	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Copper	6.2	J	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Lead	2	J	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Mercury	0.1	U	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Nickel	9	U	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Selenium	2.2	UJ	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Silver	3	U	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Thallium	2.2	U	ug/L	
MW-6	E-5	YES	17-Oct-91	Groundwater Sample	M	Zinc	20.1		ug/L	

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Antimony	18.9		J	ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Arsenic	4.5		J	ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Beryllium	3			ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Cadmium	2.8			ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Chromium	66.4			ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Copper	155			ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Lead	147			ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Mercury	0.1		U	ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Nickel	152			ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Selenium	8		R	ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Silver	3		U	ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Thallium	4		R	ug/L	
MW-7	D-7	NO	17-Oct-91	Groundwater Sample	M	Zinc	513			ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Antimony	9		U	ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Arsenic	7.6			ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Beryllium	1		U	ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Cadmium	2		U	ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Chromium	3		U	ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Copper	3		U	ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Lead	3.8		J	ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Mercury	0.1		U	ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Nickel	9		U	ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Selenium	2.2		UU	ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Silver	3		U	ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Thallium	2.2		U	ug/L	
MW-7	D-7	YES	17-Oct-91	Groundwater Sample	M	Zinc	4.7		J	ug/L	

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Antimony	28.7	J	ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Arsenic	58.9	J	ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Beryllium	4.5		ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Cadmium	6		ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Chromium	96.5		ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Copper	175		ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Lead	132		ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Mercury	0.1	U	ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Nickel	169		ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Selenium	8	R	ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Silver	3	U	ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Thallium	4	R	ug/L	
MW-10	A-8	NO	17-Oct-91	Groundwater Sample	M	Zinc	550		ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Antimony	9	U	ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Arsenic	12.1		ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Beryllium	1	U	ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Cadmium	2	U	ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Chromium	3	U	ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Copper	3	U	ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Lead	2.7	J	ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Mercury	0.1	U	ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Nickel	9	U	ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Selenium	2.2	UJ	ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Silver	3	U	ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Thallium	2.2	U	ug/L	
MW-10	A-8	YES	17-Oct-91	Groundwater Sample	M	Zinc	3.7	J	ug/L	

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

YES/NO FILTERED			DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR		RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
SAMPLE #	GRID #										
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Antimony		65.4	J	ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Arsenic		45.9	J	ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Beryllium		6.2		ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Cadmium		8.7		ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Chromium		149	J	ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Copper		322		ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Lead		225		ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Mercury		0.14		ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Nickel		278		ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Selenium		8	R	ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Silver		9		ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Thallium		4	R	ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Zinc		1090		ug/L	
MW-11	F-7	NO	17-Oct-91	Groundwater Sample	M	Antimony		9	U	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Arsenic		4.1	J	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Beryllium		1	U	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Cadmium		2	U	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Chromium		3	U	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Copper		3	U	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Lead		2.2	J	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Mercury		0.1	U	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Nickel		9	U	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Selenium		2.2	UJ	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Silver		3	U	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Thallium		2.2	U	ug/L	
MW-11	F-7	YES	17-Oct-91	Groundwater Sample	M	Zinc		3	U	ug/L	

RICKENBACKERANGB HAZARDOUS WASTE STORAGE AREA

ANALYTICAL RESULTS - GROUNDWATER

SAMPLE #	GRID #	YES/NO FILTERED	DATE	DESCRIPTION	CATEGORY	ANALYSIS FOR	RESULTS	QUALIFIER	UNITS	DETECTION LIMIT
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Antimony	33.9	J	ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Arsenic	12.9	J	ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Beryllium	4.9		ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Cadmium	6.5		ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Chromium	97.1	J	ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Copper	328		ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Lead	185		ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Mercury	0.18		ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Nickel	178		ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Selenium	8	R	ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Silver	3	U	ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Thallium	4	R	ug/L	
MW-12	E-9	NO	17-Oct-91	Groundwater Sample	M	Zinc	898		ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Antimony	9	U	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Arsenic	3.6	J	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Beryllium	1	U	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Cadmium	2	U	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Chromium	3	U	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Copper	3.9	J	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Lead	2.4	J	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Mercury	0.1	U	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Nickel	9	U	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Selenium	2.2	UJ	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Silver	3	U	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Thallium	2.2	U	ug/L	
MW-12	E-9	YES	17-Oct-91	Groundwater Sample	M	Zinc	6.2	J	ug/L	

APPENDIX B

APPENDIX B
PREVIOUS INVESTIGATIONS

APPENDIX B

PREVIOUS INVESTIGATIONS

1.0 1988 FIELD INVESTIGATION

Engineering-Science (ES) completed the first phase of the field investigation at the Hazardous Waste Storage Area (HWSA) in October 1988. The purpose of the investigation was to determine if the soil or groundwater beneath the site had been contaminated due to spills or leaks from on-site storage containers.

The results of this investigation are presented in detail in the Field Investigation Report - Hazardous Waste Storage Area: Rickenbacker Air National Guard Base, Columbus, Ohio (1989), and the results are summarized in the following paragraphs.

1.1 SUMMARY OF ANALYTICAL RESULTS

The soil-gas survey identified with elevated concentrations of benzene, toluene and ortho-xylene (BTX). Concentration of total BTX in the soil gas ranged from undetectable to 29.8 ppm.

Analyses of the soil samples indicated elevated semi-volatile organic and metals concentrations. The characteristics of the semi-volatile organics found were typical of coal-tar derivatives and phthalates. Metals identified included cadmium, chromium, copper, lead and zinc.

Three of the auger borings made during soil sampling were completed as monitoring wells in the shallow aquifer. Water samples from two of these wells exhibited volatile organic concentrations in excess of Federal Maximum Contaminant Levels (MCLs). Water from MW1 contained 94 µg/l benzene, 20 µg/l xylenes and 13 µg/l methylnaphthalene. Water from MW3 contained 44 µg/l trichloroethene. Samples from all wells had total unfiltered metals concentrations in excess of Federal Drinking Water Standards for arsenic, cadmium, chromium and lead.

2.0 1990 FIELD INVESTIGATION

The phase of the field investigation at the HWSA was completed in March 1990. The purpose of this additional field investigation was to determine the extent of contamination and to allow revision of the Closure Plan to affect a "clean" closure of the site.

The pre-closure sampling activities included soil sampling at the surface and at depth and the installation of six new monitoring wells in and around the HWSA (MW4 through MW9). The results of this investigation are presented in detail in the Pre-Closure Sampling Report - Hazardous Waste Storage Area: Rickenbacker Air National Guard Base, Columbus, Ohio (1992), and a summary of the results follows.

2.1 SUMMARY OF ANALYTICAL RESULTS

2.6.1 Metals

Total metals were found over the site with higher levels within the fenced area. Detected above background criteria were beryllium, cadmium, copper, lead, mercury, silver and zinc.

2.2 VOLATILE ORGANIC COMPOUNDS

Volatile organic compounds in samples from the 0-2 foot interval, were only analyzed for at six hand boring and two monitoring well locations. The only VOCs detected were 440,000 $\mu\text{g/kg}$ o-xylene at HB1.

Volatile organic compounds were detected at concentrations up to 1,900,000 $\mu\text{g/kg}$ in soils from the 3-5 foot interval. Elevated ethylbenzene and o-xylene concentrations were found in HB1, near Building 560, while benzene was detected in AB2.

Volatile organics were found in samples from the 8-10 foot interval at levels up to 27,000 $\mu\text{g/kg}$ of o-xylene. The highest concentrations were found at AB1, AB14 and MW7. Specific compounds include: benzene, ethylbenzene, xylenes and 1,1,1-trichloroethane.

Samples from the 13-15 foot interval containing volatile organic compounds were found in the southern corner and along the northeast side of the area. These include:

benzene, ethylbenzene, toluene, xylenes, acetone, trichloroethene, trans-1,2-dichloroethene, 1,1-dichloroethene, and vinyl chloride. The highest concentration was 1,000 $\mu\text{g/kg}$ trans-1,2-dichloroethene at MW6.

At the greater than fifteen foot interval, sand and gravel is present to a depth of approximately 25' with a thin layer of clay from 18'-19'. Detected volatile and semi-volatile organics were confined to the southeast side of the area. Semi-volatile organics were found only at MW1 at a total concentration of 1,830 $\mu\text{g/kg}$. The highest volatile organic concentrations were also found at this location. They were benzene, ethylbenzene, and o-xylene at concentrations of 1,900, 11,000, and 20,000 $\mu\text{g/kg}$, respectively.

2.3 SEMI-VOLATILE ORGANIC COMPOUNDS

Semi-volatile organics were detected in the soils at various depths and ranged from non-detect to 4,630 $\mu\text{g/kg}$.

2.6.2 Groundwater

Volatile and Semi-Volatile Organics

On the analytical results map (Sheet 6), both the 1990 and 1988 sampling data are shown. The only semi-volatile organic compound found in the groundwater was 2-methylnaphthalene at 5J $\mu\text{g/L}$ in MW8.

Volatile organics compounds were detected in MW1, MW3, MW6 and MW7, and include benzene, ethylbenzene, o-xylene, p-xylene, trichloroethene, and trans-1,2-dichloroethene. In addition, four feet of phase-separated hydrocarbons were floating in MW5. Fingerprint analysis of the liquid hydrocarbons identified it as a 30 to 40 percent weathered gasoline mixed with jet fuel.

Filtered Metals

Four metals were detected at all concentrations below the Federal Drinking Water Standards. These four metals were arsenic (found at 2.0 to 9.4 $\mu\text{g/L}$), lead (found at 3.1 to 14.0 $\mu\text{g/L}$), zinc (found at 5.0 to 35 $\mu\text{g/L}$) and mercury (found at 0.11 $\mu\text{g/L}$).

3.0 1991 FIELD INVESTIGATION

The third phase of the field investigation at the HWSA was completed in October 1991. Field activities conducted during this investigation include groundwater screening, monitoring well installation and soil sampling from the well borings, surface soil sampling, and groundwater sampling.

The additional sampling was conducted to fill data gaps existing after the original pre-closure sampling report. Specifically, these data gaps are:

- The anomalously high concentrations of semi-volatile organic compounds (SVOCs) found at the surface soils of the westernmost corner of the HWSA.
- The extent of VOCs previously detected in the groundwater.

The results of this investigation were reported in the Addendum to the Pre-Closure Sampling Report - Hazardous Waste Storage Area: Rickenbacker Air National Guard Base, Columbus, Ohio (1992) and a summary of the results follows.

The data obtained through the groundwater sampling indicate that petroleum hydrocarbon and chlorinated organic contamination is restricted to the area upgradient and downgradient of the four underground storage tanks (USTs) numbered 47, 48, 49, 50. Wells MW1 and MW5, where phase-separated hydrocarbons were observed, lie in the northern and furthest upgradient portion of this contaminant plume. In the downgradient direction, the dissolved organic plume does not extend to MW11 and MW12.

Volatile organic results of the groundwater sampling events indicate that chlorinated organics are present in MW3 and MW6. The compound 1,1,1-trichloroethane was found at an estimated concentration of 3 $\mu\text{g/L}$ in MW8 during the 1991 sampling event. This compound was also found in MW2 at an estimated quantity of 2 $\mu\text{g/L}$. Although this compound was found in the associated trip blank, it is still possible that it is present at this site since it has been detected in the past.

No groundwater samples were collected from MW5 in either sampling event due to the presence of PSH. In 1990, MW1 had concentrations of dissolved benzene, ethylbenzene and xylenes; however, due to the presence of PSH in 1991, this well was

not resampled. Dissolved benzene, ethylbenzene and xylenes were found in MW7. No volatile organics were detected in MW4 and MW9.

The semi-volatile organic compounds, 2-methylnaphthalene and naphthalene were found in MW7 at estimated concentrations 2 and 6 $\mu\text{g/L}$ respectively.

Groundwater analyses indicate the presence of total metals in the water samples; however, the filtered aliquot analysis showed a decrease in metals concentrations. Therefore, the presence of metals is associated with the silt suspended in the water sample.

Four metals were detected in filtered groundwater samples, all at concentrations below the Federal Drinking Water Standards. These four metals were arsenic found at 2.9 to 12.1 $\mu\text{g/L}$, copper at 3.1 to 6.2 $\mu\text{g/L}$, lead at 1.9 to 7.7 $\mu\text{g/L}$, and zinc at 3.7 to 20.1 $\mu\text{g/L}$.

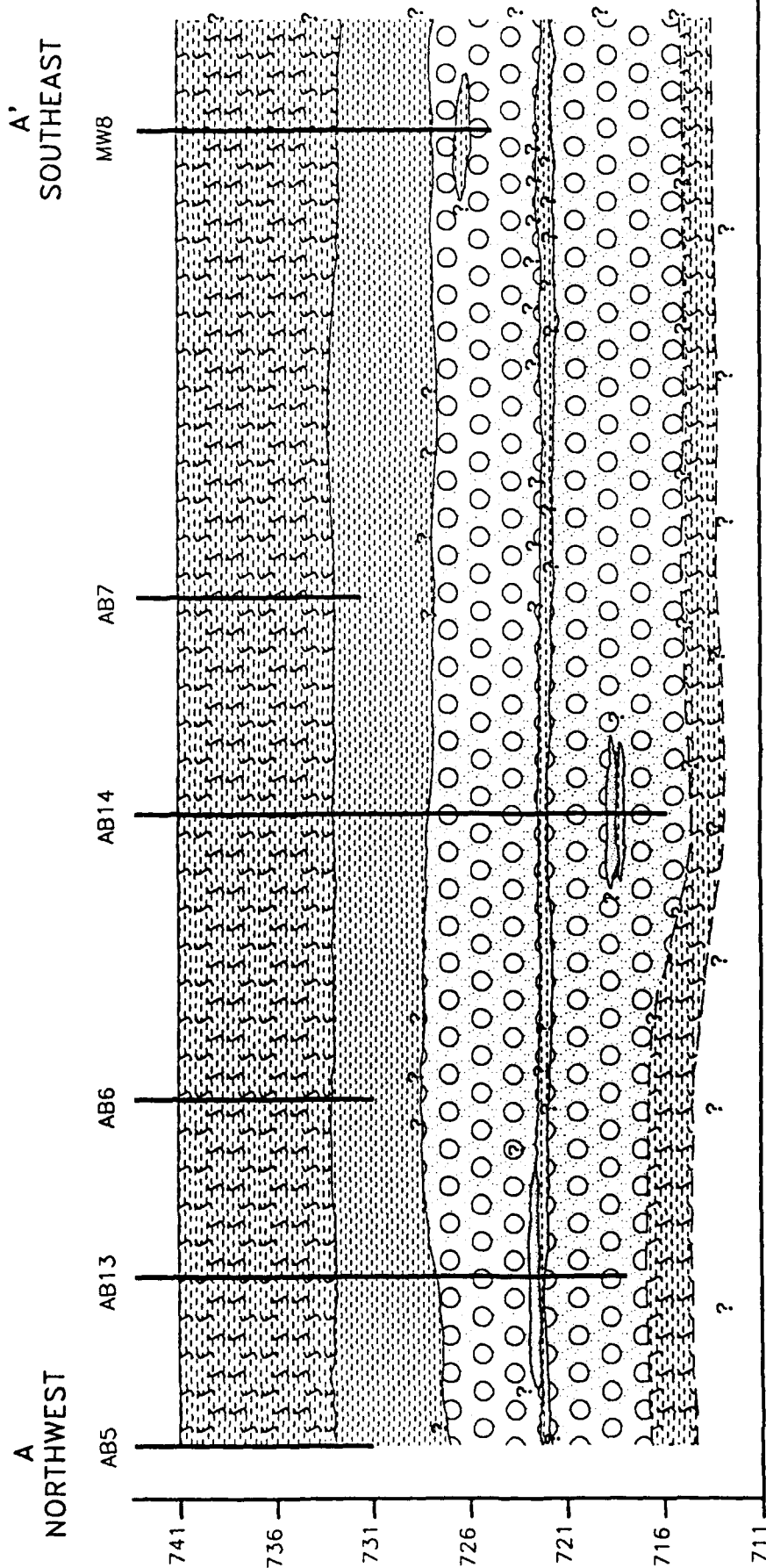
Soil Results

Five of the ten surface soil samples were collected at the fenceline surrounding the site, the remaining five from locations off site. One sample (SS3) was collected in duplicate. All surface soil samples were analyzed for SVOCs and the priority pollutant metals.

Samples with no detected SVOCs are SS1, SS2 and SS7. Samples SS3, SS9 and SS10 have the highest total SVOC concentrations, 1108, 2250 and 977 $\mu\text{g/kg}$ respectively. The SVOCs detected can be classified as coal tar derivatives.

Metals analysis from these surface soil samples were compared to background levels that were established for the Base during the Site Investigation for the Installation Restoration Program. Detected above background criteria were arsenic, cadmium, copper, lead, nickel, silver and zinc.

Soil boring samples were collected from two depths (3 to 5 feet and 13 to 15 feet) in each of the three soil borings. Each sample was analyzed for SVOCs, VOCs, and priority pollutant metals. SVOCs were not detected in either of the two samples from MW10 and MW11. The soil sample from the 13 to 15 foot horizon of MW12 had a total semi-volatile concentration of 1569 $\mu\text{g/kg}$ although no SVOCs were detected in the shallow soil sample (3 to 5 feet), or in the groundwater sample from this well. These compounds are coal tar derivatives.



LEGEND:

- GRAY, SILTY CLAY
- BROWN, SILTY CLAY
- BROWN, FINE SAND
- BROWN OR GRAY, SANDY GRAVEL

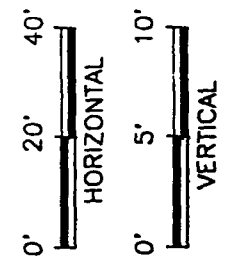


FIGURE B.1

HAZARDOUS WASTE STORAGE AREA
RICKENBACKER ANGB
CROSS-SECTION OF SUBSURFACE
LITHOLOGIES FROM A TO A'.

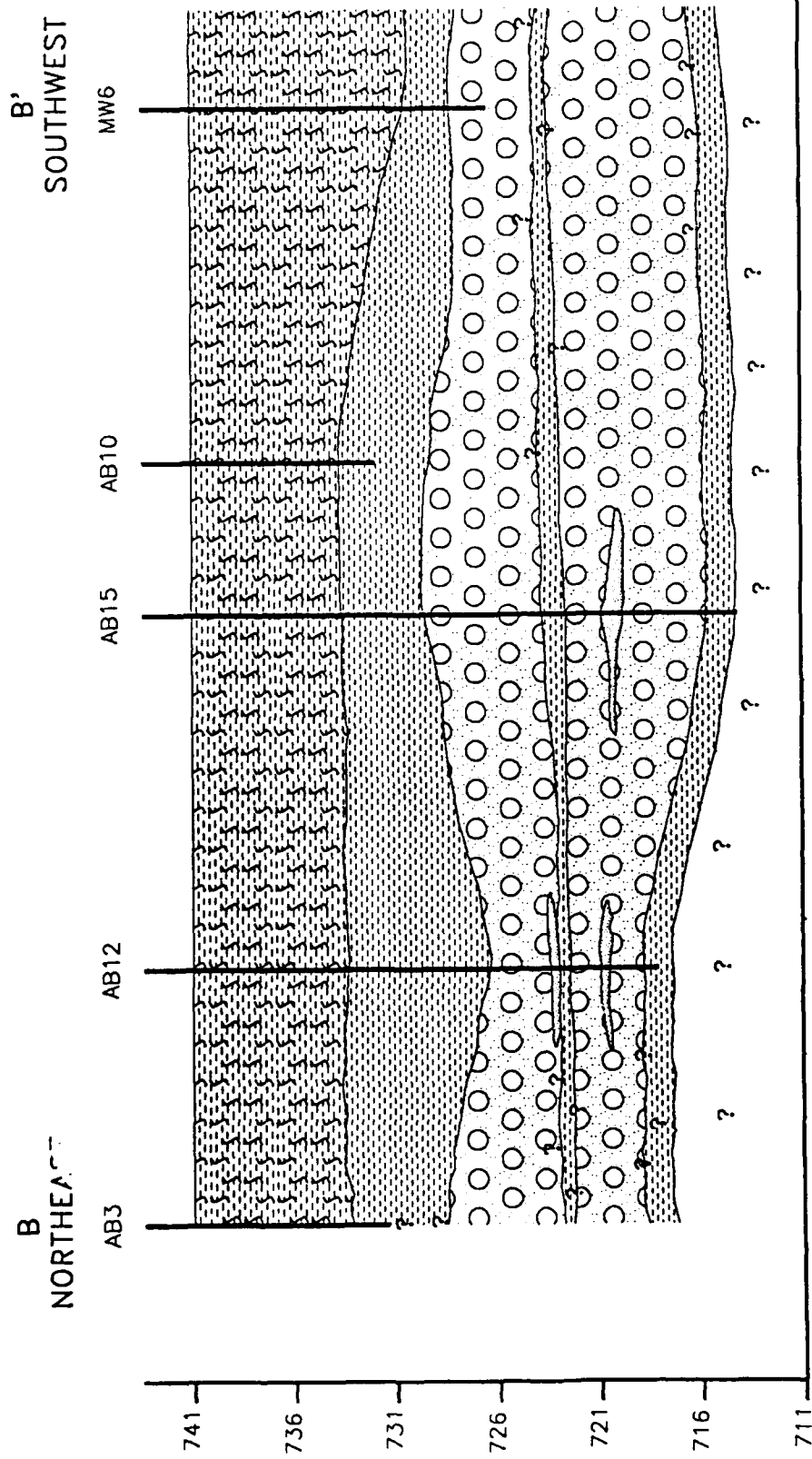
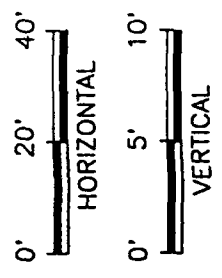
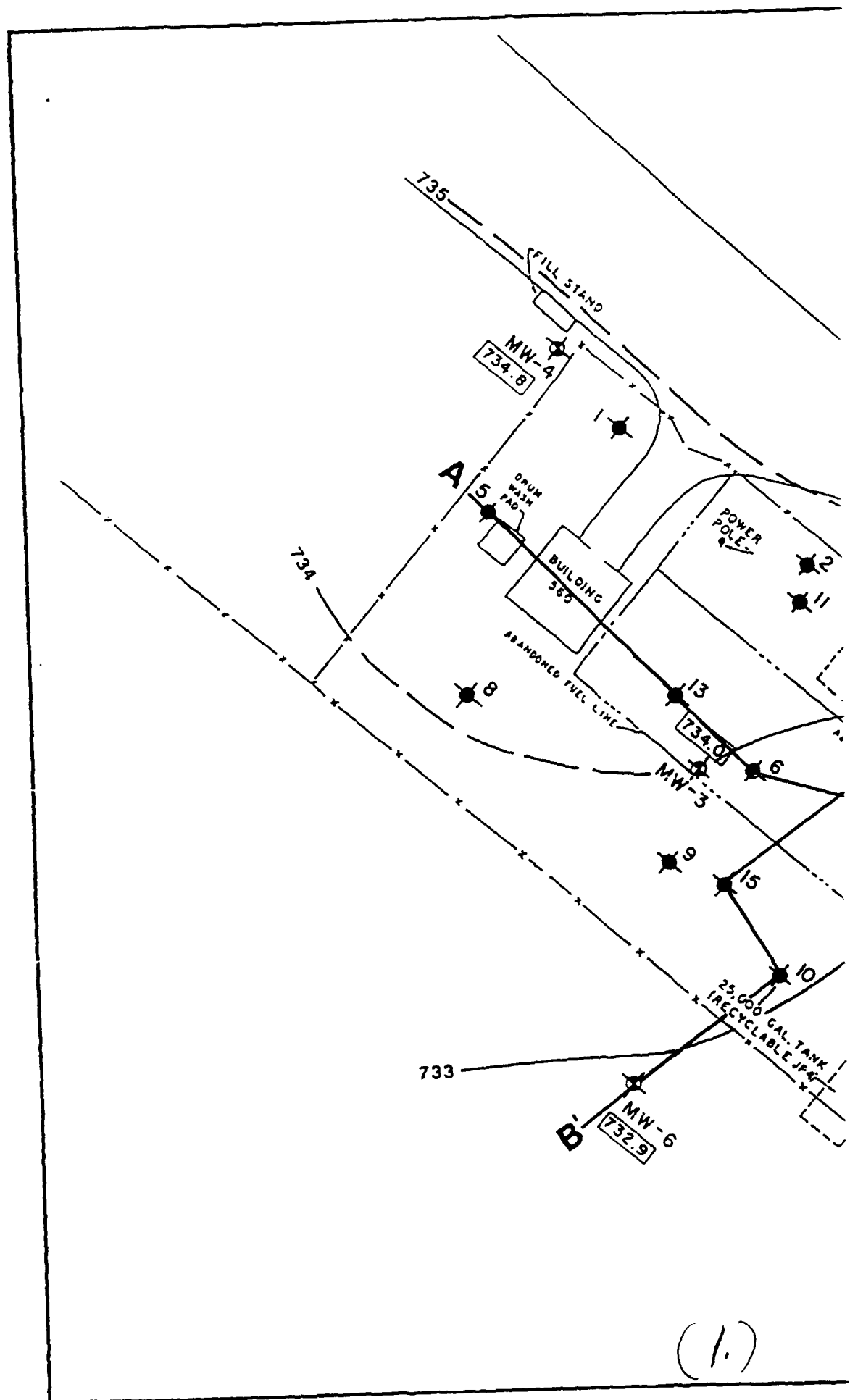


FIGURE B.2
HAZARDOUS WASTE STORAGE AREA
RICKENBACKER ANGB
CROSS-SECTION OF SUBSURFACE
LITHOLOGIES FROM B TO B'

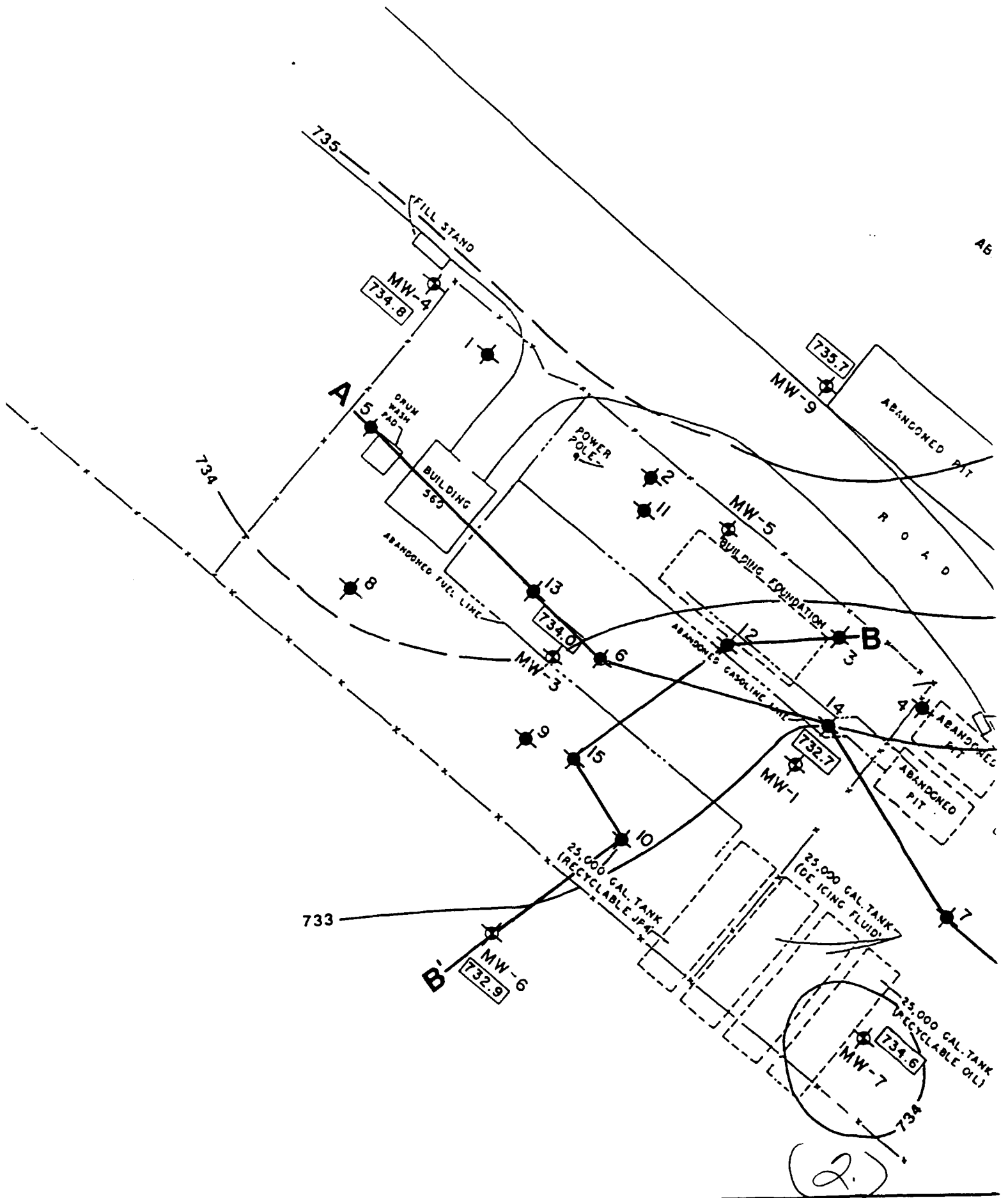


- LEGEND:
- GRAY, SILTY CLAY
 - BROWN, SILTY CLAY
 - BROWN, FINE SAND W/INTERBEDDED FINE SANDS
 - BROWN OR GRAY, SANDY GRAVEL

0115Q04



(1.)





1	RB-HW-AB1
2	RB-HW-AB2
3	RB-HW-AB3
4	RB-HW-AB4
5	RB-HW-AB5
6	RB-HW-AB6
7	RB-HW-AB7
8	RB-HW-AB8
9	RB-HW-AB9
10	RB-HW-AB10
11	RB-HW-AB11
12	RB-HW-AB12
13	RB-HW-AB13
14	RB-HW-AB14
15	RB-HW-AB15

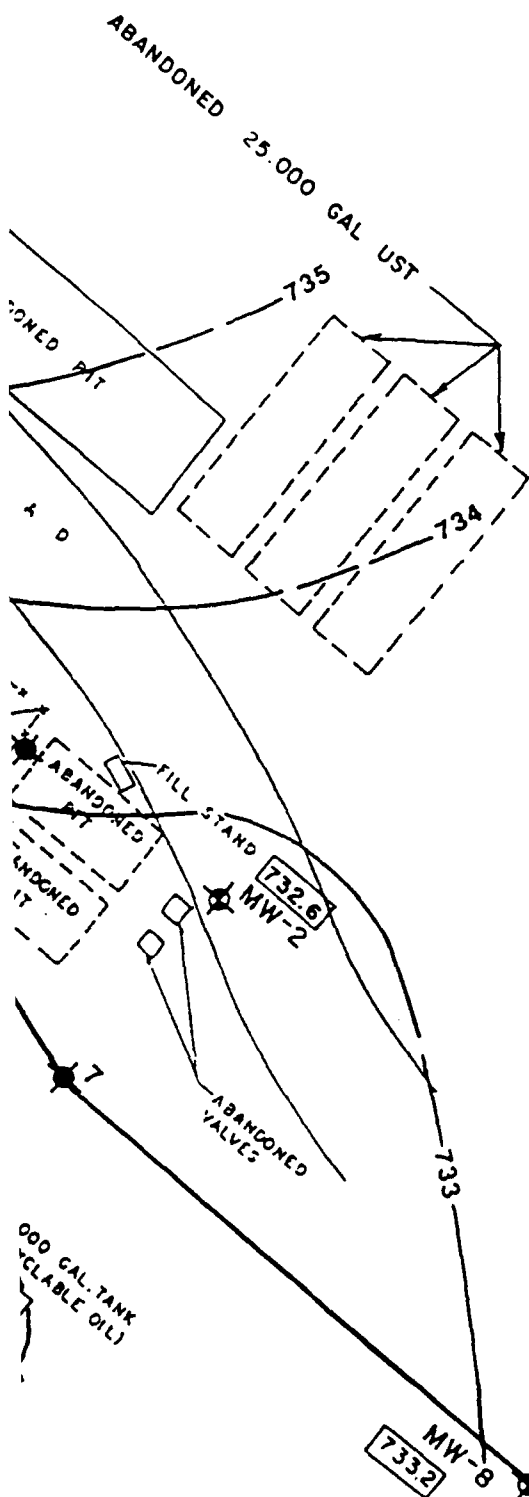


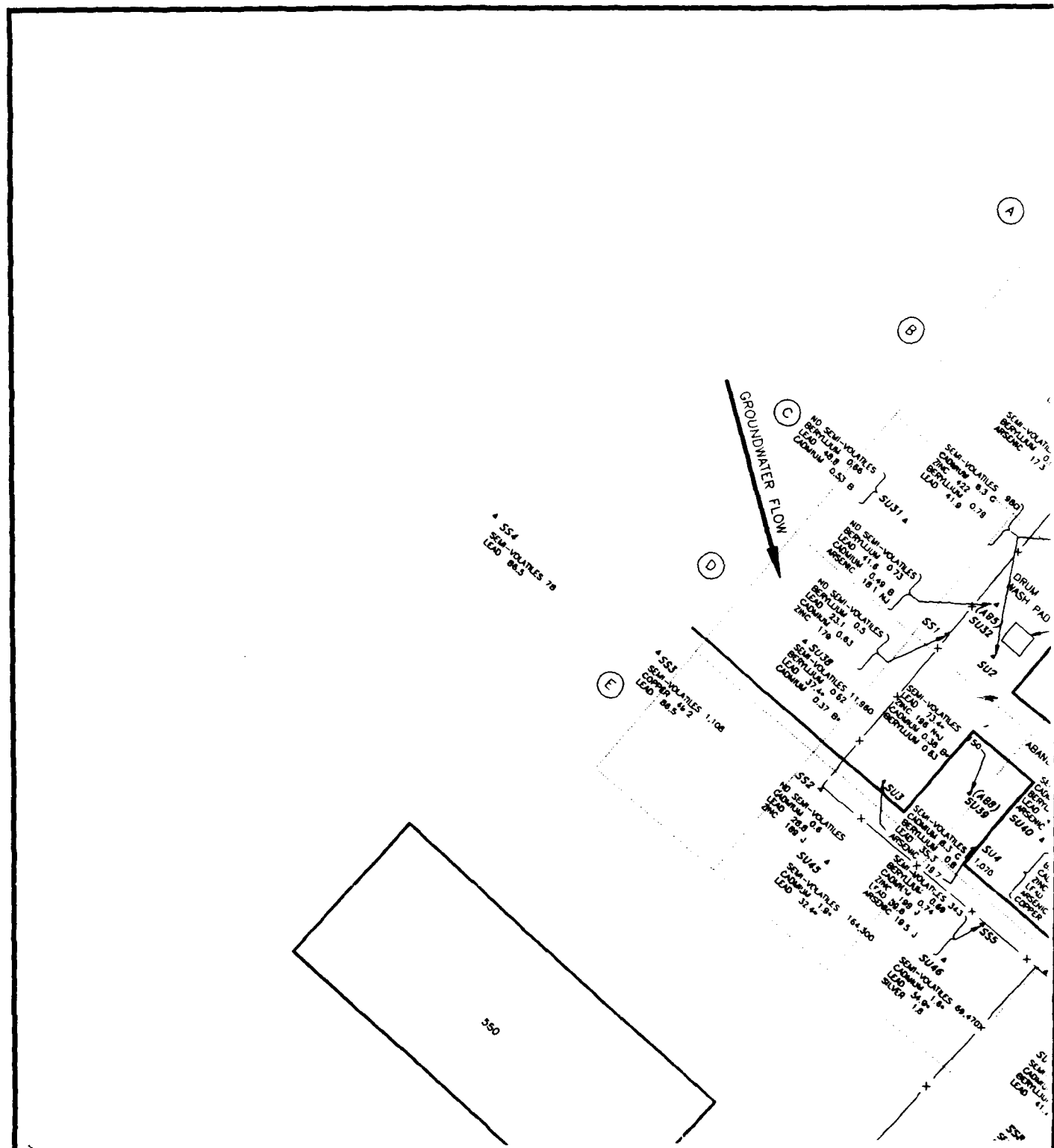
FIGURE B.3

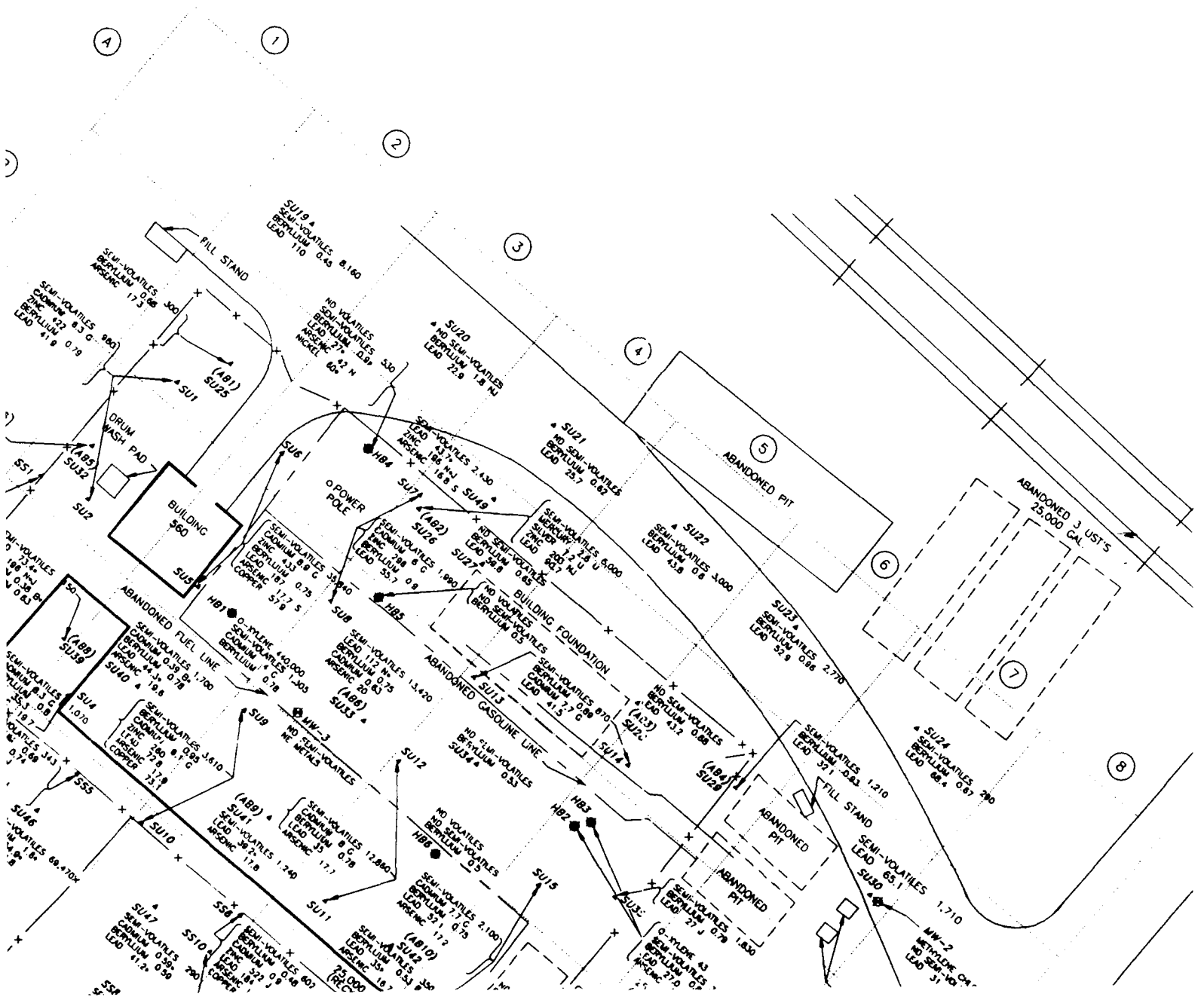
CROSS-SECTION LOCATION AND
WATER SURFACE MAP
HAZARDOUS WASTE STORAGE AREA
RICKENBACKER ANGB, OHIO

6 FEBRUARY 1990 (3)

No VOCs were detected in the soils from borings from MW10, MW11 and MW12.

Metals analysis from the soil samples obtained from the soil borings were also compared to the background levels for the Base. Detected above background criteria were arsenic, beryllium, cadmium, chromium, copper.

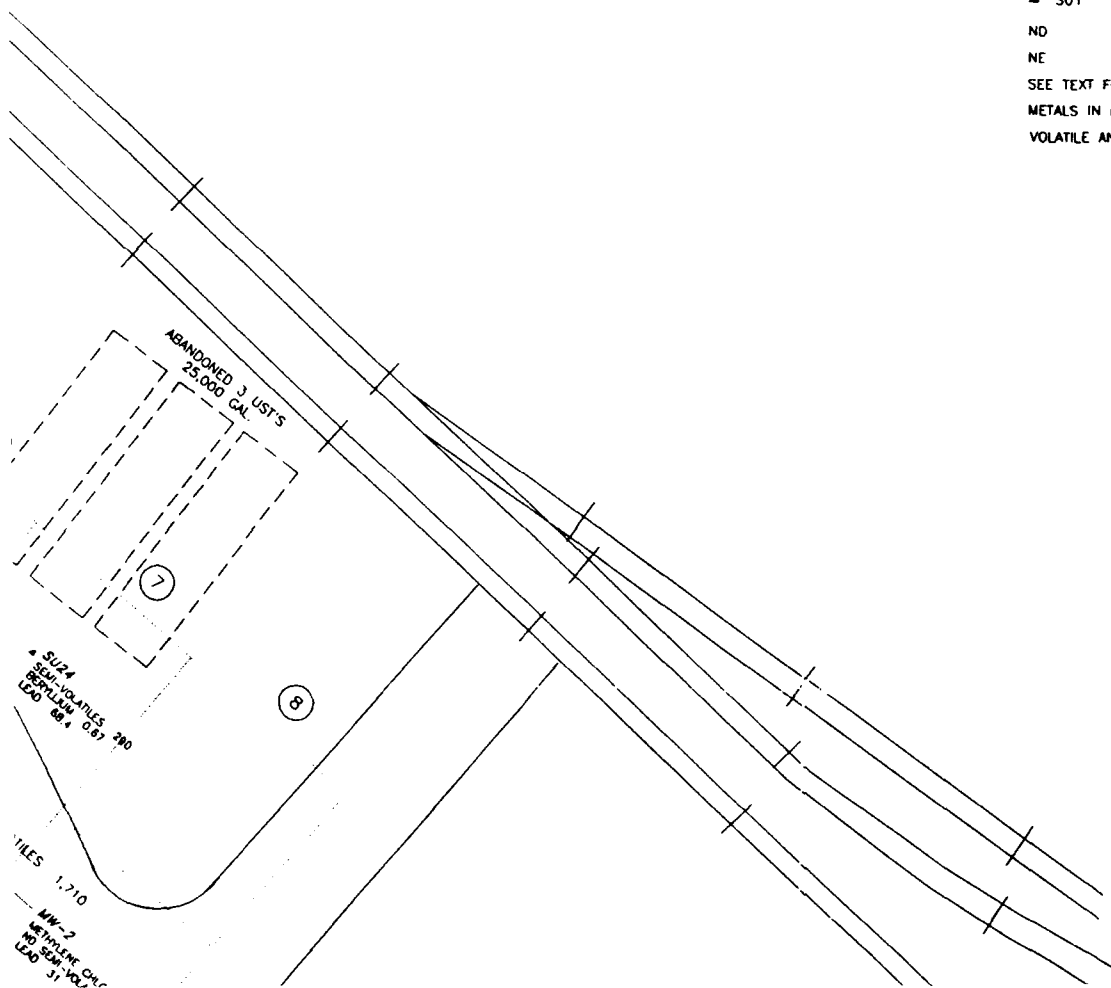






LEGEND:

- X— FENCE
 - ◆ AB1/HB1 SOIL BORING
 - ⊕ MW1 MONITORING WELL
 - ▲ SU1 SURFACE SOIL SAMPLE
 - NO NOT DETECTED
 - NE DOES NOT EXCEED ESTABLISHED CRITERIA
- SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA
- METALS IN mg/Kg
- VOLATILE AND SEMI-VOLATILE ORGANICS IN $\mu\text{g/Kg}$



4 VOLTAGES 213
 CENTRAL 0.33
 LEAD 1.5
 L20 618

4 VOLTAGES 213
 CENTRAL 0.33
 LEAD 1.5
 L20 618

559
 3/4 VOLTAGES 2,250
 CENTRAL 1.0
 LEAD 1.5
 L20 618

5				PROJECT NO. CL115	DATE
4				DESIGNED BY	
3				DRAWN BY	
2				CHECKED BY	
1				ENGINEER	
NO.	DATE	REVISIONS	BY	REGISTRATION NO.	DATE

ENGINEERING DESIGN • RESEARCH

19101 VILLAVIEW ROAD • SUITE 301 • CLE
 OFFICES IN PRINC

WASTE STORAGE AREA

KENBACKER ANBG, OHIO

SEMI-VOLATILE ORGANICS AND METALS
SURFACE SOIL SAMPLES 0' - 2'

ANALYTICAL RESULTS

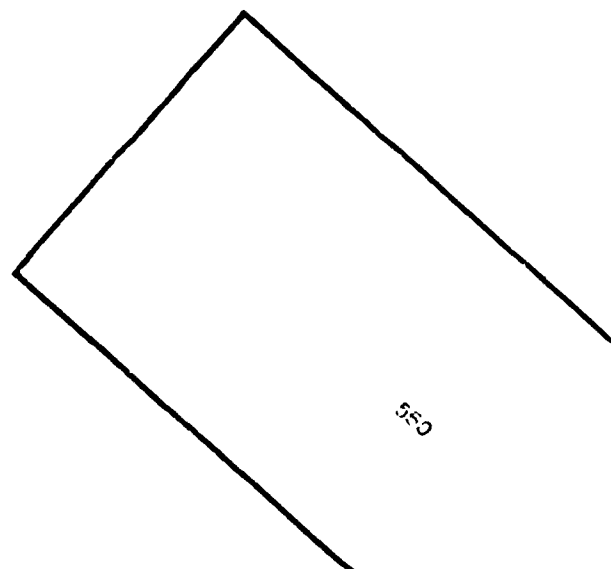
SCALE
AS SHOWN

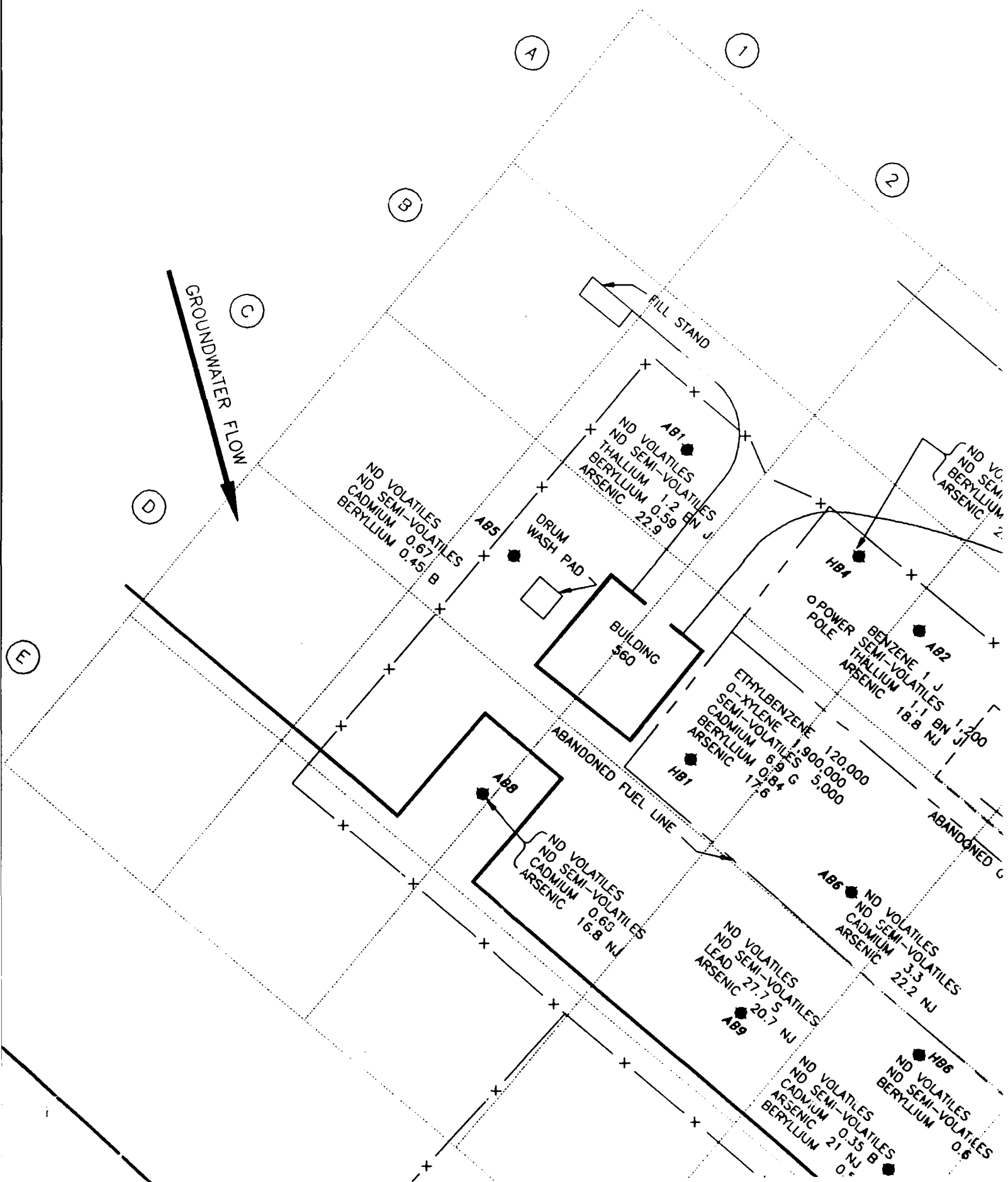
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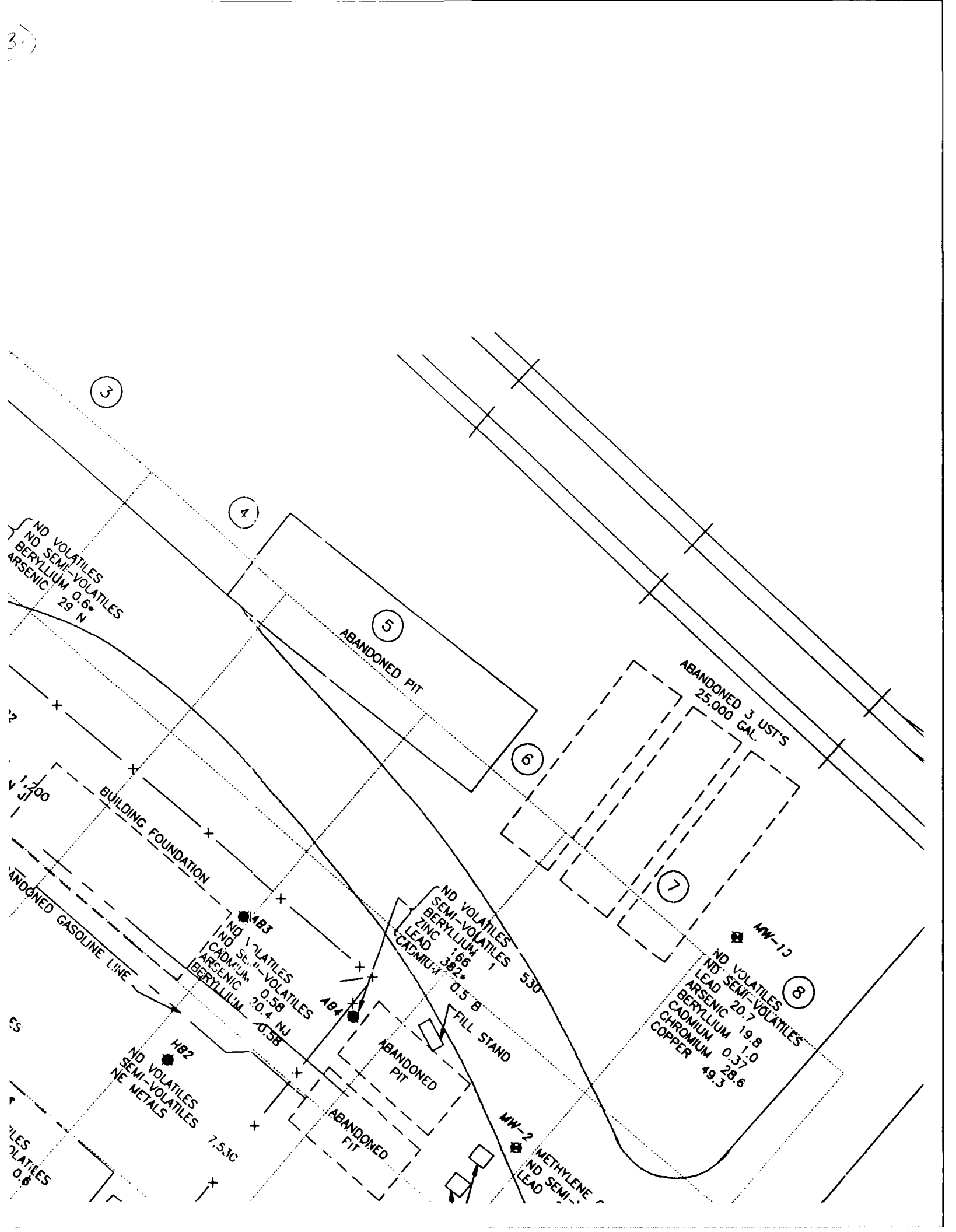
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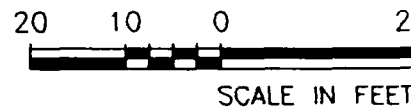
FILE NO.

(1)



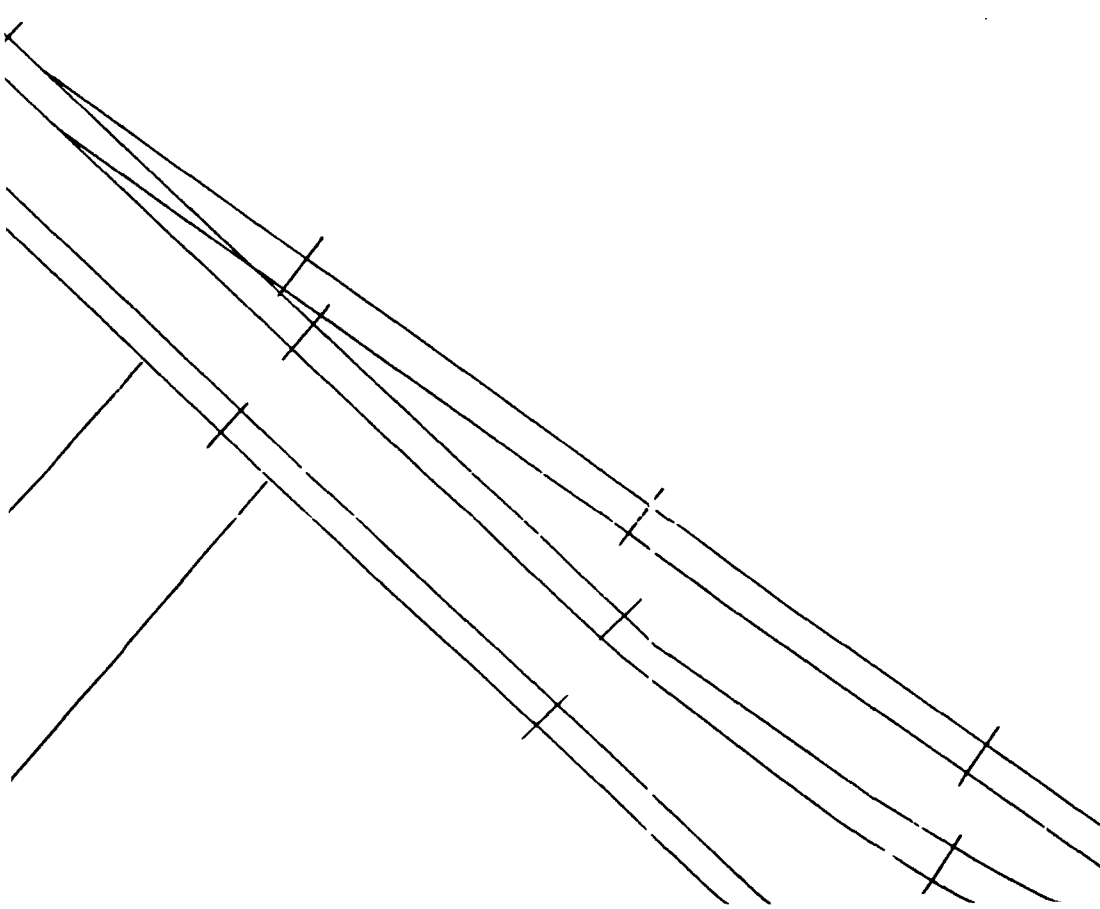






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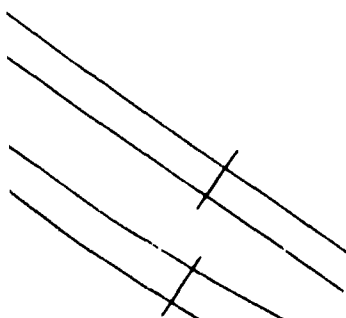
—X—	FENCE
● AB1/HB1	SOIL BORING
⊕ MW1	MONITORING WELL
▲ SU1	SURFACE SOIL SAMPLE
ND	NOT DETECTED
NE	DOES NOT EXCEED ESTABLISHED
SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA	
METALS IN mg/Kg	
VOLATILE AND SEMI-VOLATILE ORGANICS IN $\mu\text{g/Kg}$	



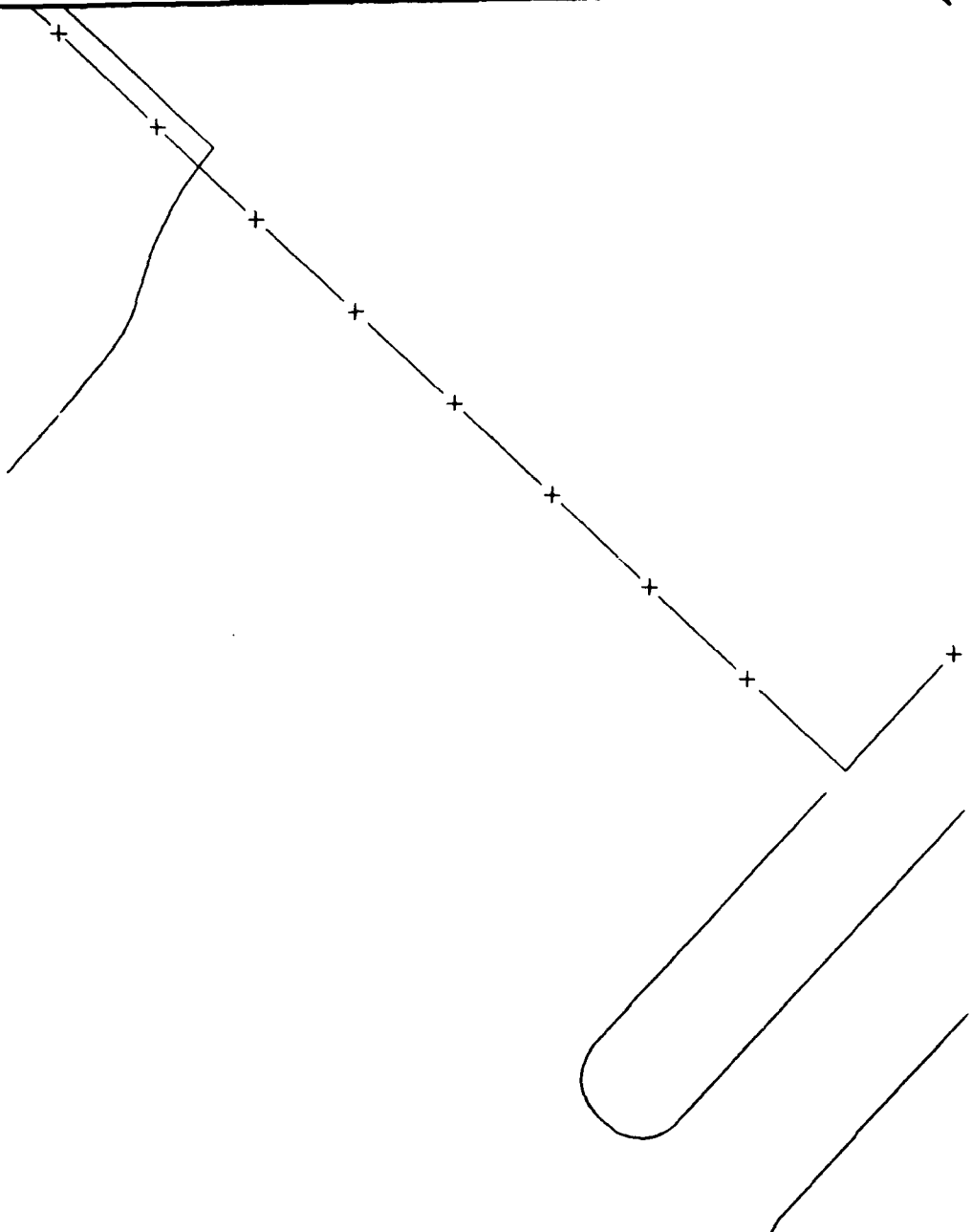


LEGEND:

- | | |
|---|---------------------------------------|
| —X— | FENCE |
| ● AB1/HB1 | SOIL BORING |
| ⊕ MW1 | MONITORING WELL |
| ▲ SU1 | SURFACE SOIL SAMPLE |
| ND | NOT DETECTED |
| NE | DOES NOT EXCEED ESTABLISHED CRITERIA. |
| SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA | |
| METALS IN mg/Kg | |
| VOLATILE AND SEMI-VOLATILE ORGANICS IN $\mu\text{g/Kg}$ | |



6.)



0115C06	5				PROJECT NO. CL115
	4				DESIGNED BY
	3				DRAWN BY
	2				CHECKED BY
	1				ENGINEER
	NO.	DATE	REVISIONS	BY	REGISTRATION NO.

GAL. TANK
+ CABLE JP4

MW-11
NO VOLATILES
NO SEMI-VOLATILES
ARSENIC 17.9 J
CADMIUM 0.83

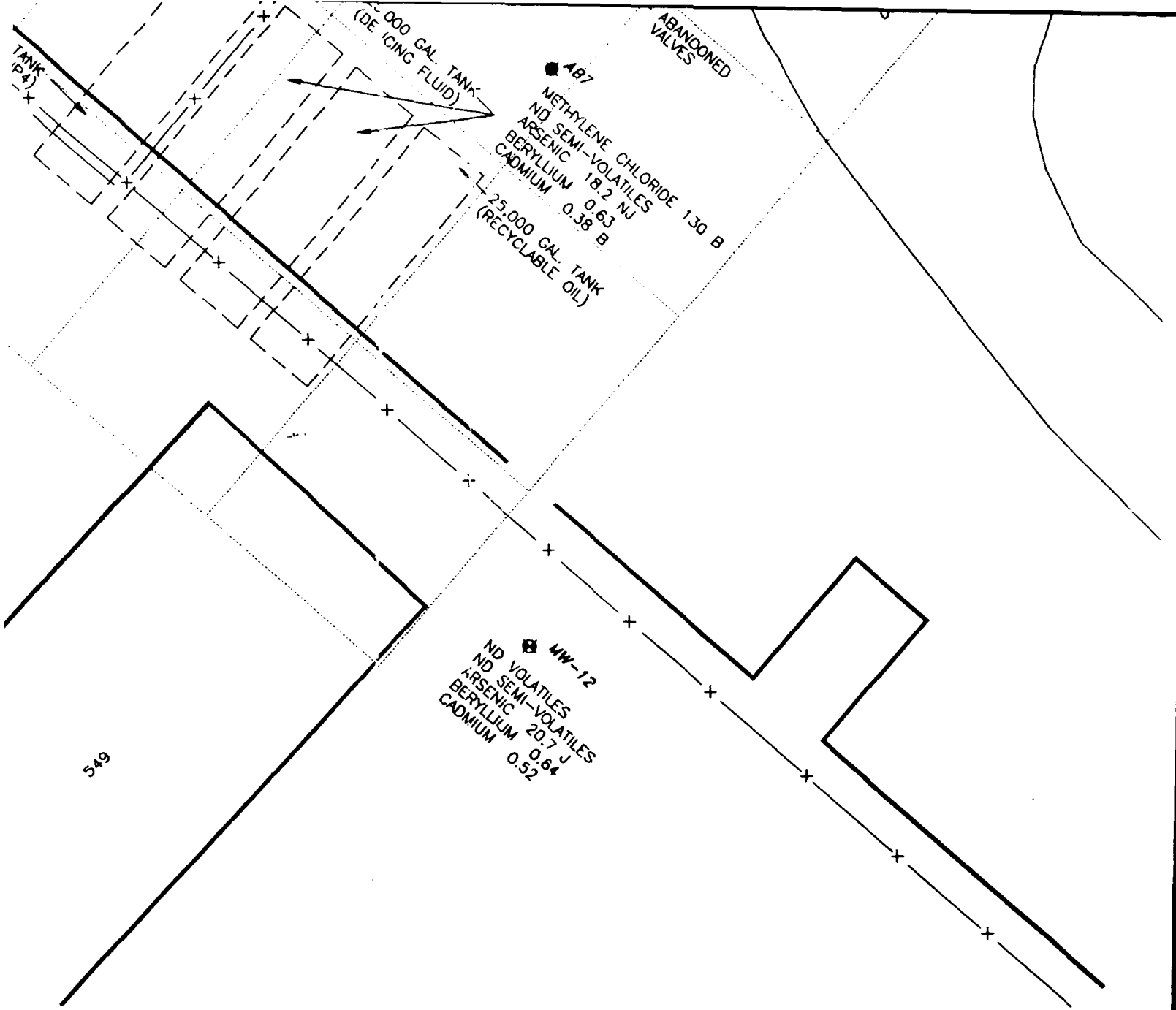
DATE

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NCE NNING 4119 • 216/486-9005	ES	HAZARDOUS WA. RICKENBAC
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**METALS, VOLATILE ORGANICS AND
SEMI-VOLATILE ORGANICS
SOIL SAMPLES 3' - 5'**

ANALYTICAL RESULTS

SCALE
AS SHOWN

SHEET NO.

2

FILE NO.

WASTE STORAGE AREA

INBACKER ANBG, OHIO

**METALS, VOLATILE ORGANICS
SEMI-VOLATILE ORGANICS
SOIL SAMPLES 3' - 5'**

ANALYTICAL RESULTS

(11)

7

GROUNDWATER FLOW

ND VOLATILES
ND SEMI-VOLATILES
NE METALS
ETHYLBENZENE 6.700
P/P-XYLENE 6.000
O-XYLENE 12.000
SEMI-VOLATILES 130
LEAD 22.8

ND SEMI-VOLATILES
NE METALS

DRUM
WASH PAD

BUILDING
560

ABANDONED FUEL LINE

FILL STAND

ND VOLATILES
ND SEMI-VOLATILES
NE METALS
O POWER
POLE
1.800

AR-
BERY

MW-5

AB1

A

1

B

2

C

D

3

ND VOLATILES
ND SEMI-VOLATILES
ND METALS

4

MW-9

5

ABANDONED PIT

6

ABANDONED 3 UST'S
25,000 GAL.

ND VOLATILES
ND SEMI-VOLATILES
ND METALS
28 NJ
X 0.57

BUILDING FOUNDATION



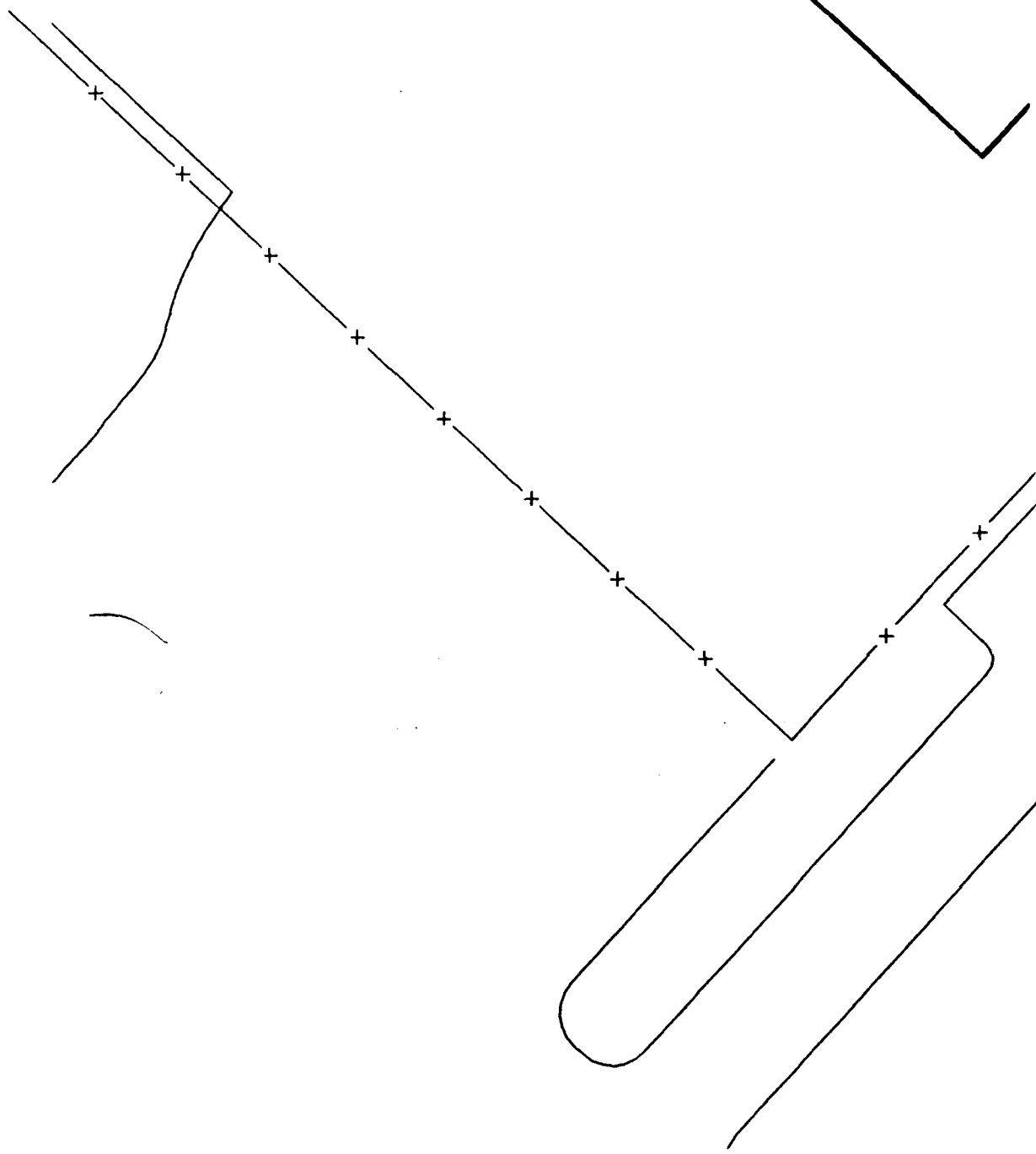
LEGEND:

—X—	FENCE
● AB1/HB1	SOIL BORING
⊕ MW1	MONITORING WELL
▲ SU1	SURFACE SOIL SAMPLE
ND	NOT DETECTED
NE	DOES NOT EXCEED ESTABLISHED CRITERIA.
SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA	
METALS IN mg/Kg	
VOLATILE AND SEMI-VOLATILE ORGANICS IN μ g/Kg	

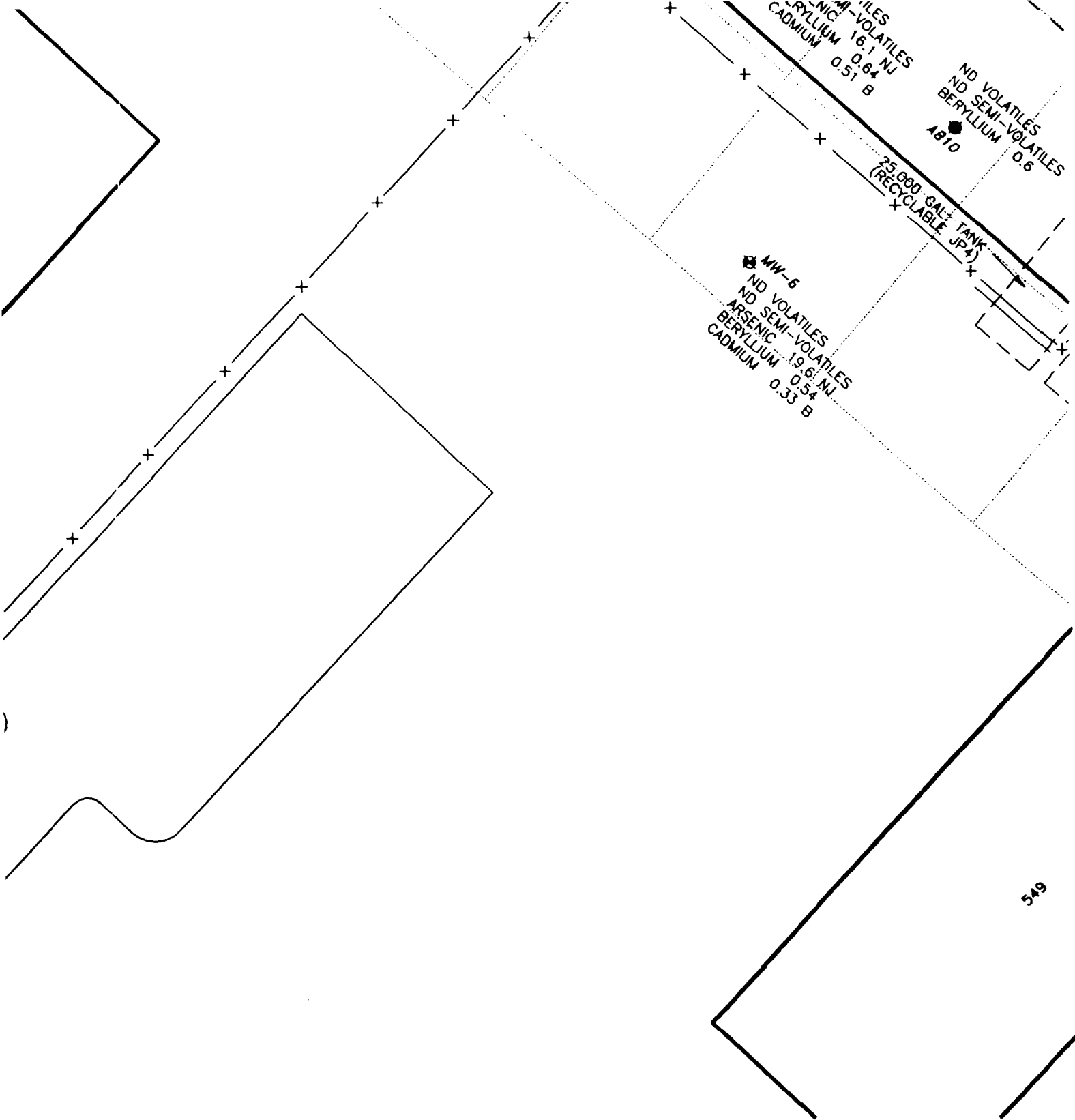


LEGEND:

- | | |
|-----------|--------------------------------------|
| —X— | FENCE |
| ● AB1/HB1 | SOIL BORING |
| ⊕ MW1 | MONITORING WELL |
| ▲ SU1 | SURFACE SOIL SAMPLE |
| ND | NOT DETECTED |
| NE | DOES NOT EXCEED ESTABLISHED CRITERIA |
- SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA
- METALS IN mg/Kg
- VOLATILE AND SEMI-VOLATILE ORGANICS IN $\mu\text{g/Kg}$



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	1				ENGINEER
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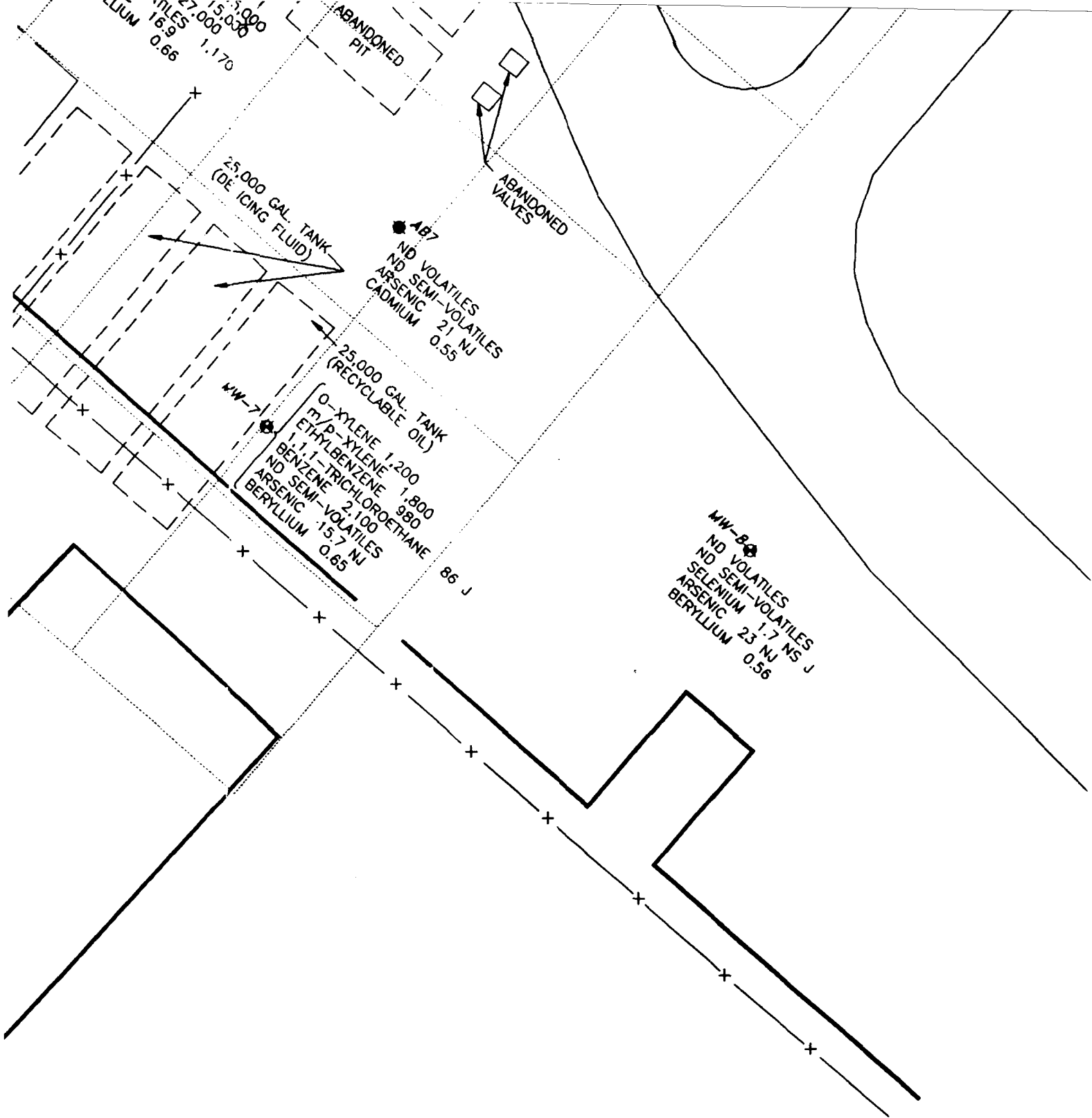


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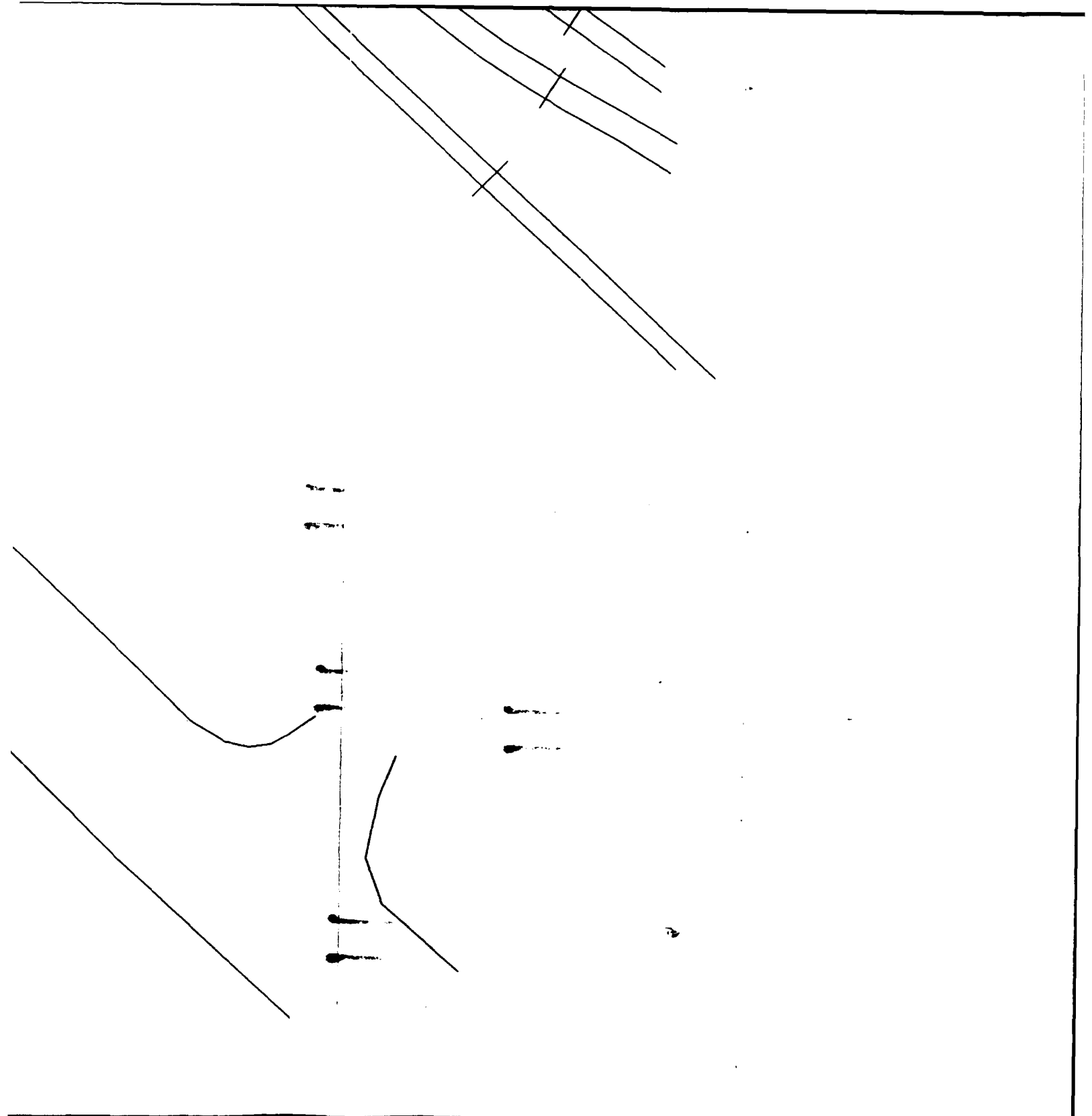


ES

HAZARDOUS WASTE S*

RICKENBACKER ANB

486-9005



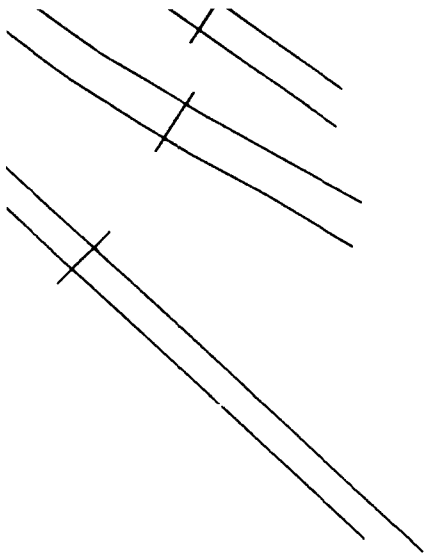
A hand-drawn site sketch showing a storage area on the left, a vertical line with several horizontal tick marks, and a diagonal line with several 'X' marks. The sketch is located in the upper half of the page.

TORAGE AREA

G, OHIO

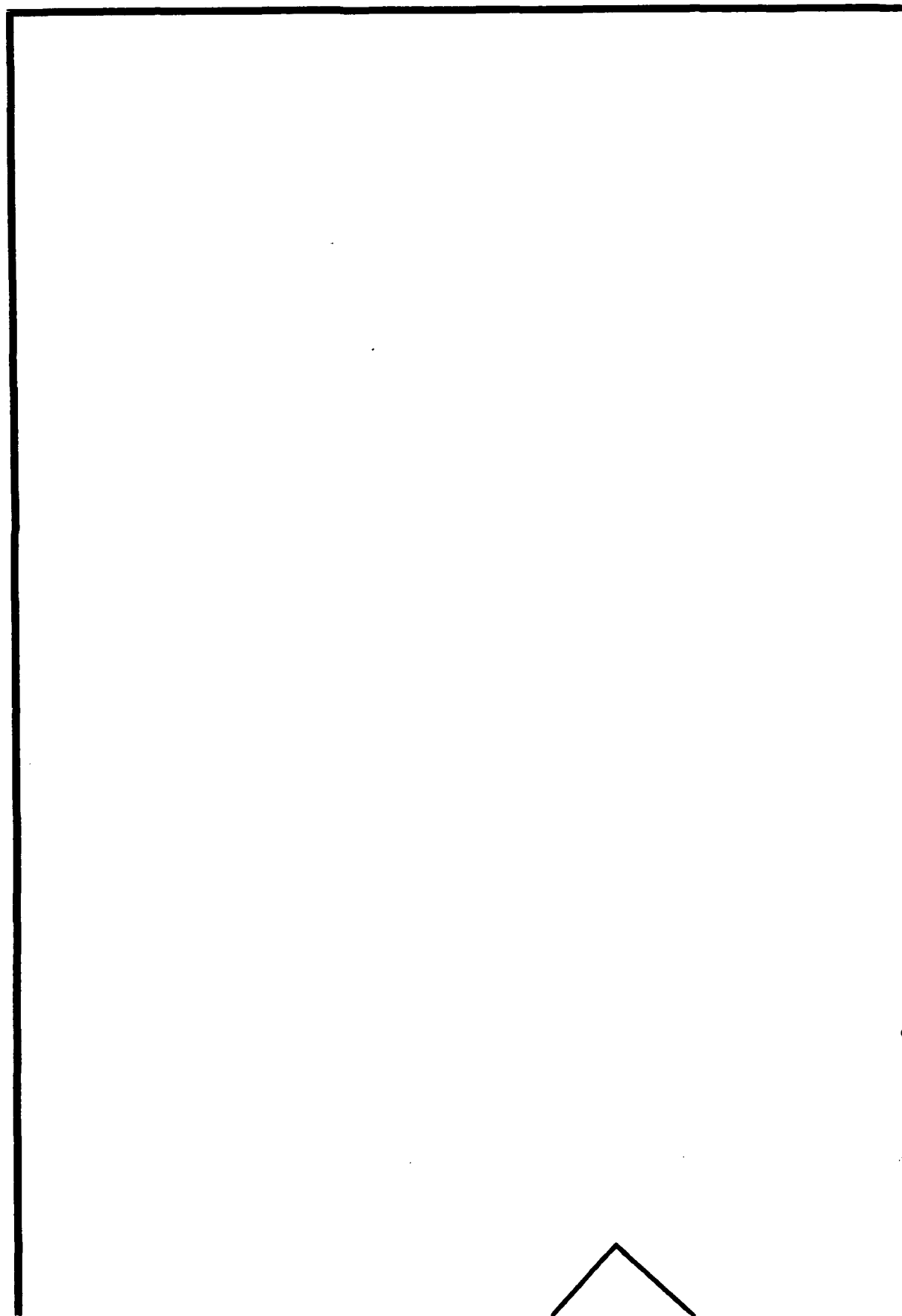
**METALS, VOLATILE ORGANICS AND
SEMI-VOLATILE ORGANICS
SOIL SAMPLE 8' - 10'**

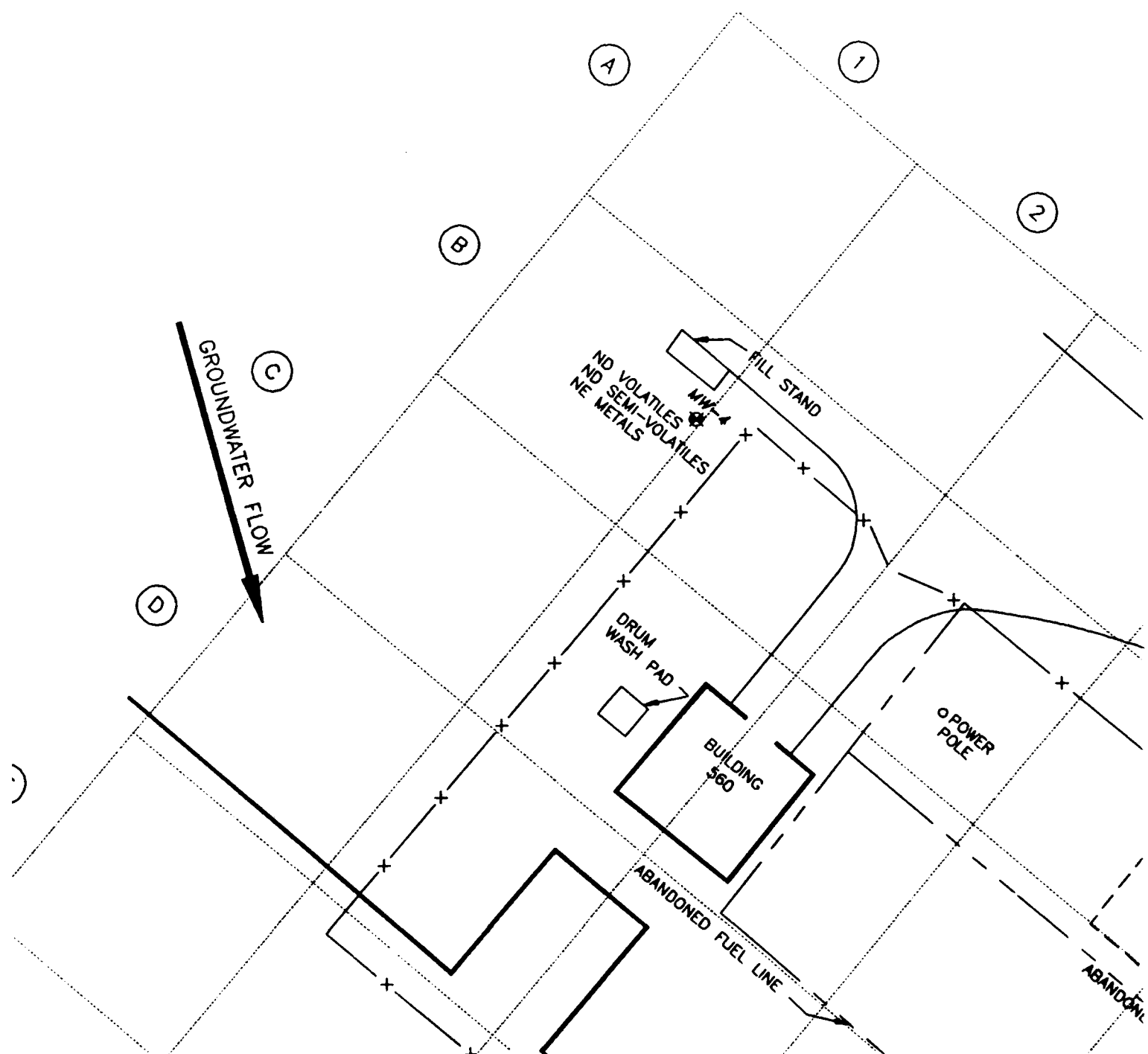
ANALYTICAL RESULTS

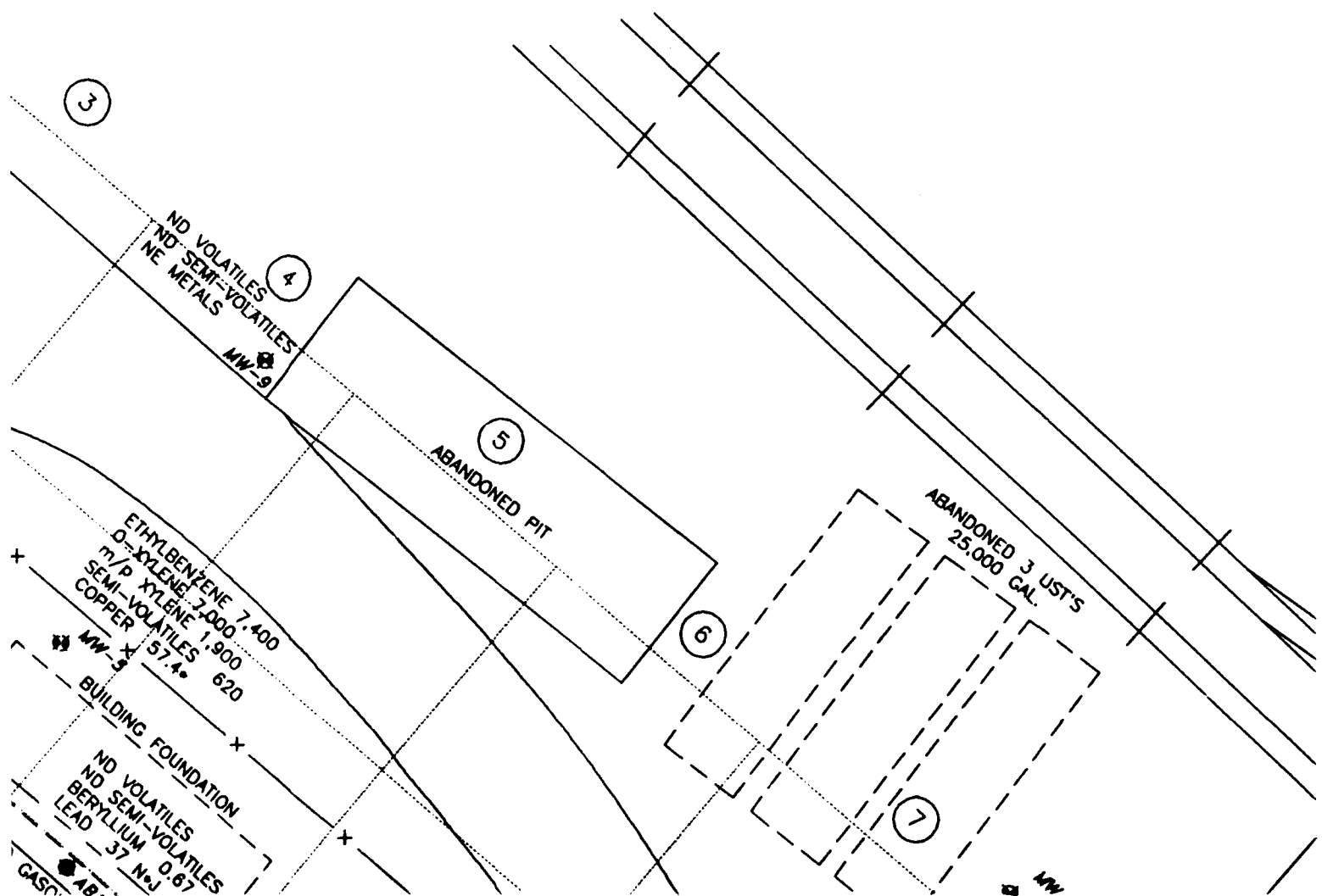


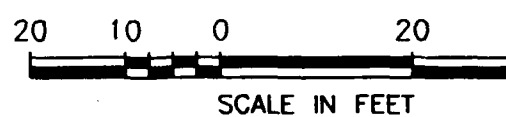
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12



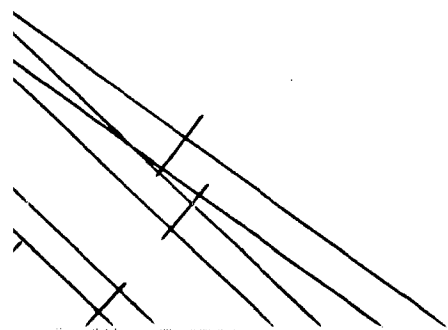






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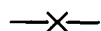
- | | |
|---|--------------------------------------|
| —X— | FENCE |
| ● AB1/HB1 | SOIL BORING |
| ⊕ MW1 | MONITORING WELL |
| ▲ SU1 | SURFACE SOIL SAMPLE |
| ND | NOT DETECTED |
| NE | DOES NOT EXCEED ESTABLISHED CRITERIA |
| SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA | |
| METALS IN mg/Kg | |
| VOLATILE AND SEMI-VOLATILE ORGANICS IN $\mu\text{g/Kg}$ | |





SCALE IN FEET

LEGEND:



FENCE



AB1/HB1

SOIL BORING



MW1

MONITORING WELL



SU1

SURFACE SOIL SAMPLE

ND

NOT DETECTED

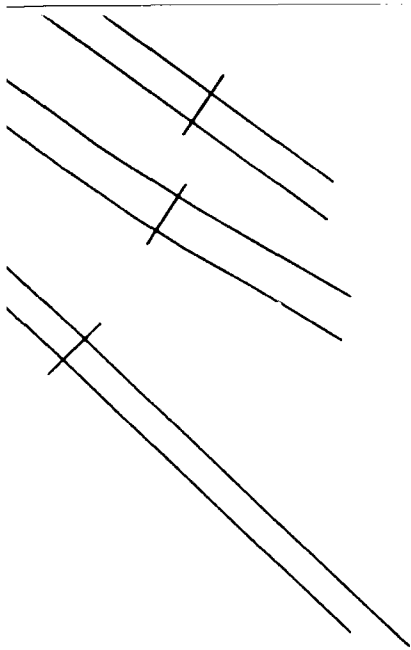
NE

DOES NOT EXCEED ESTABLISHED CRITERIA,

SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA

METALS IN mg/Kg

VOLATILE AND SEMI-VOLATILE ORGANICS IN $\mu\text{g/Kg}$



**METALS, VOLATILE ORGANICS AND
SEMI-VOLATILE ORGANICS
SOIL SAMPLES 13' - 15'**

SCALE
AS SHOWN

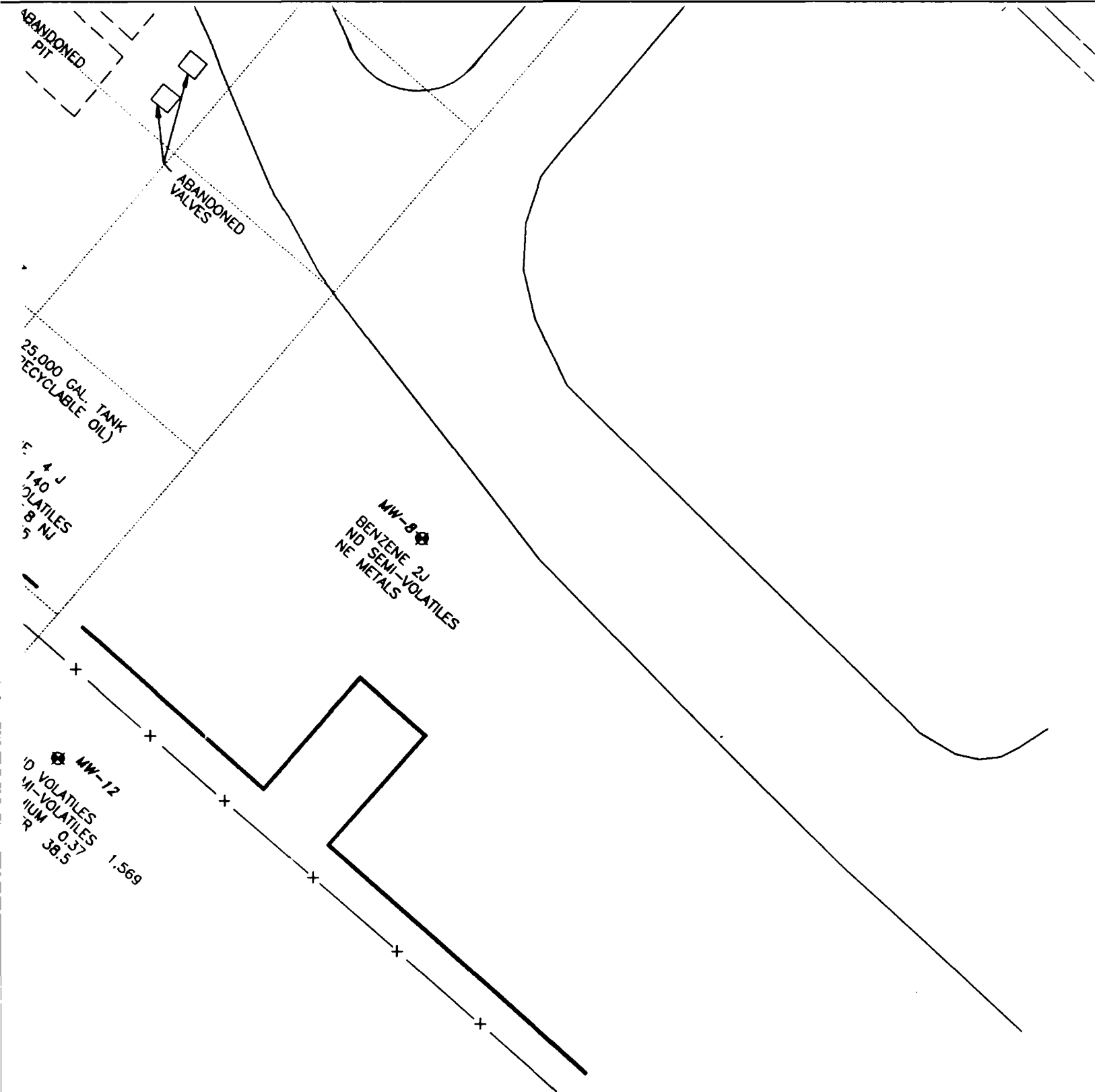
SHEET NO.

4

FILE NO.

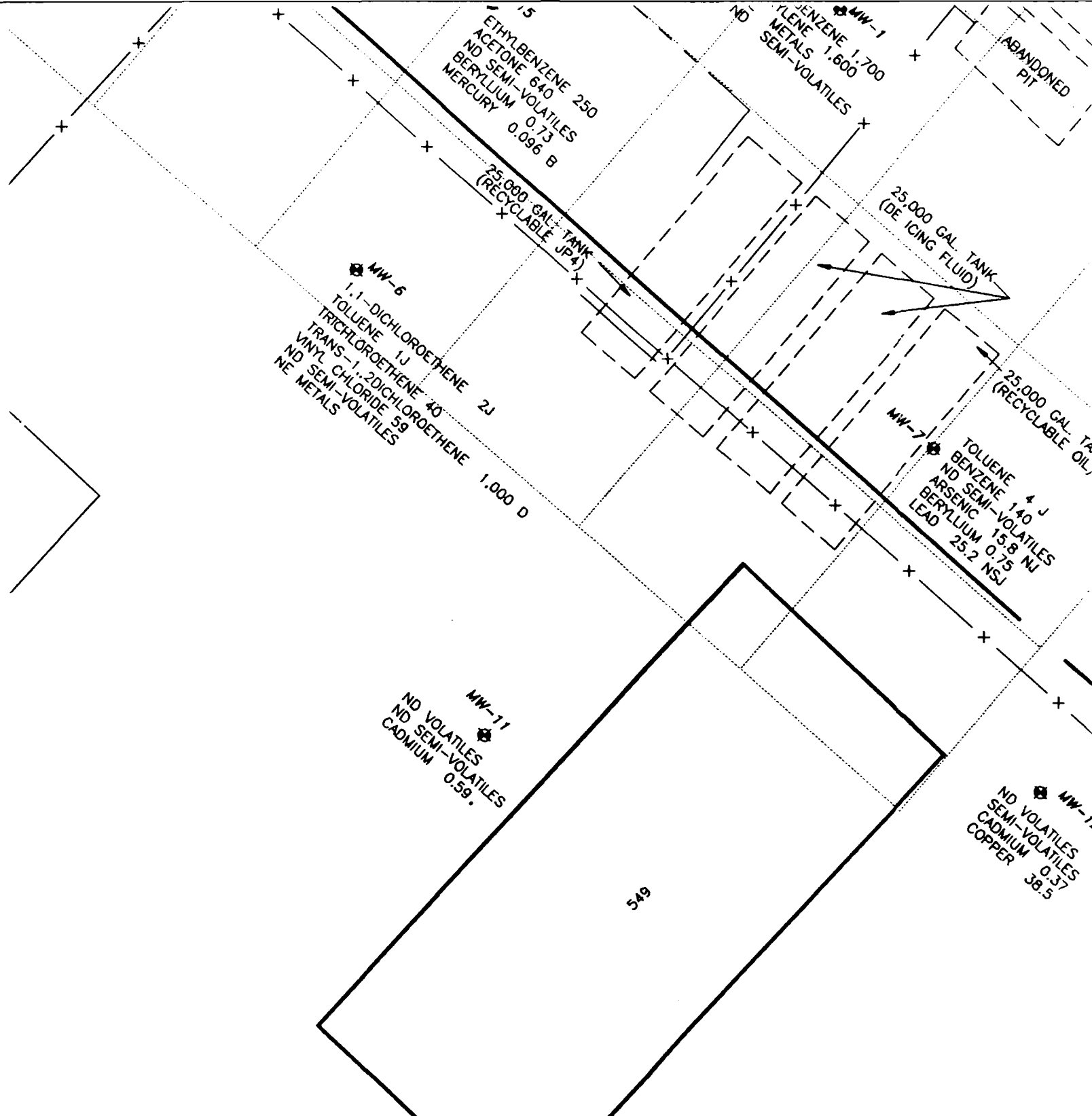
ANALYTICAL RESULTS

(u)



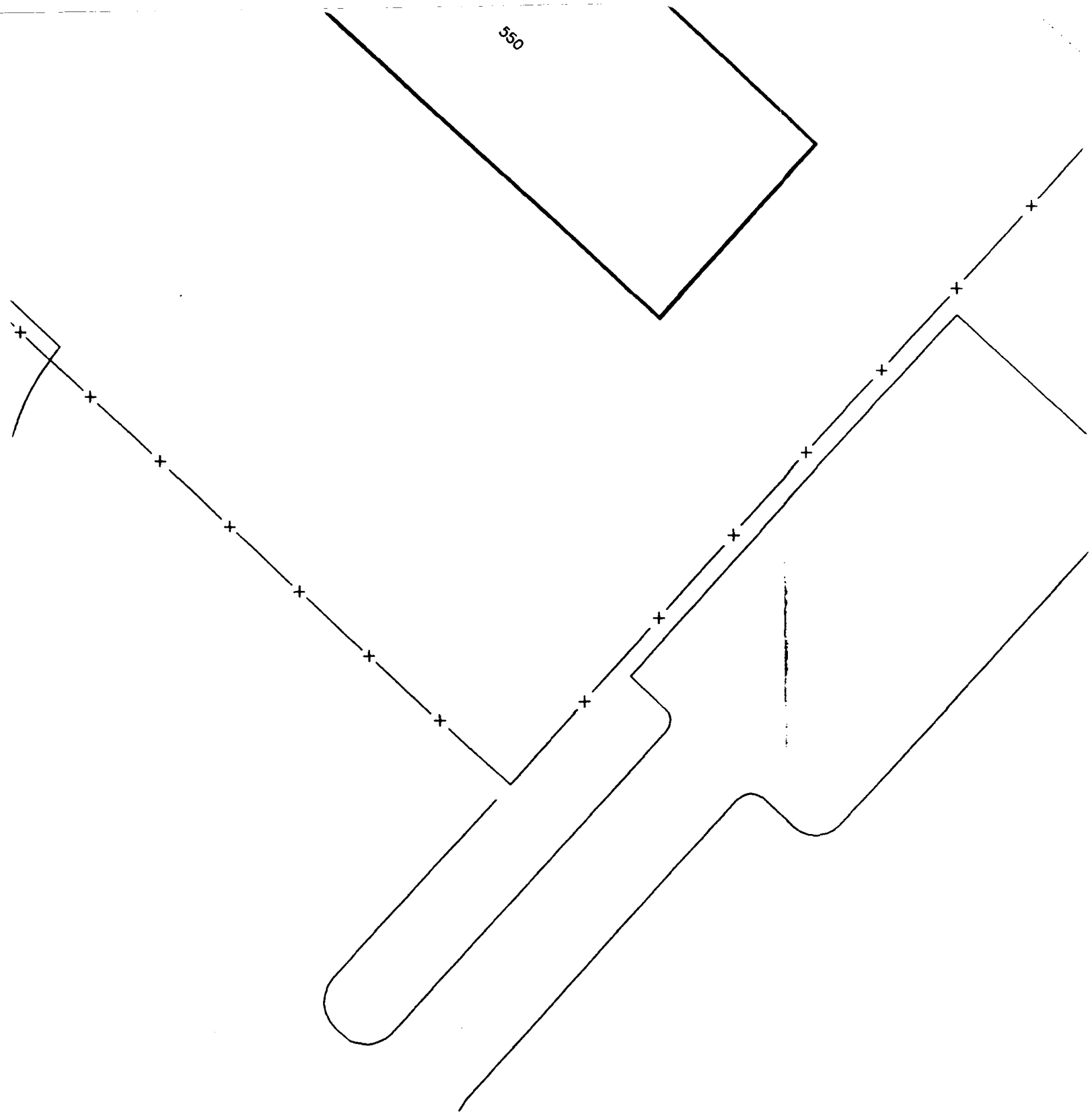
HAZARDOUS WASTE STORAGE AREA

RICKENBACKER ANBG, OHIO

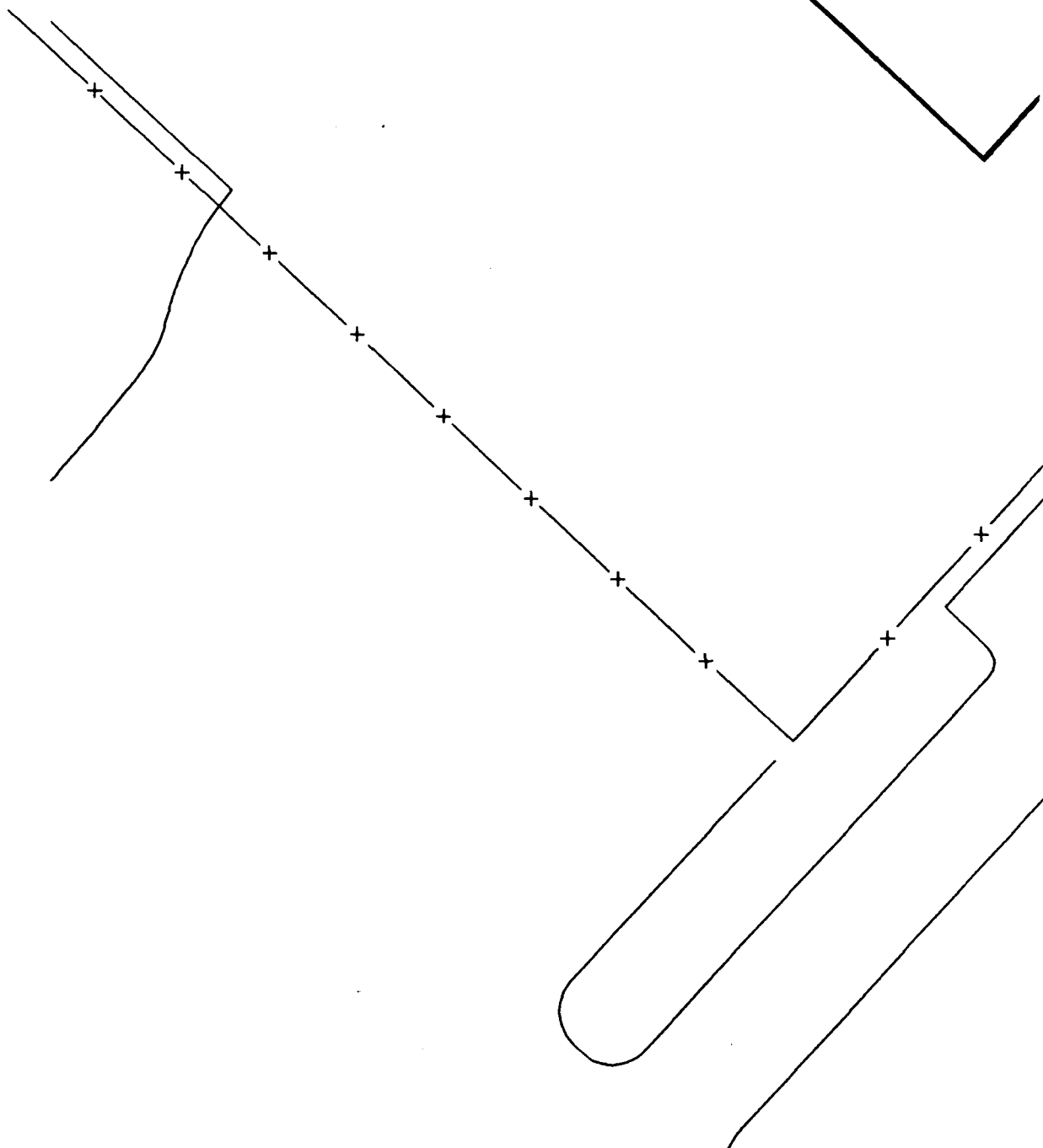


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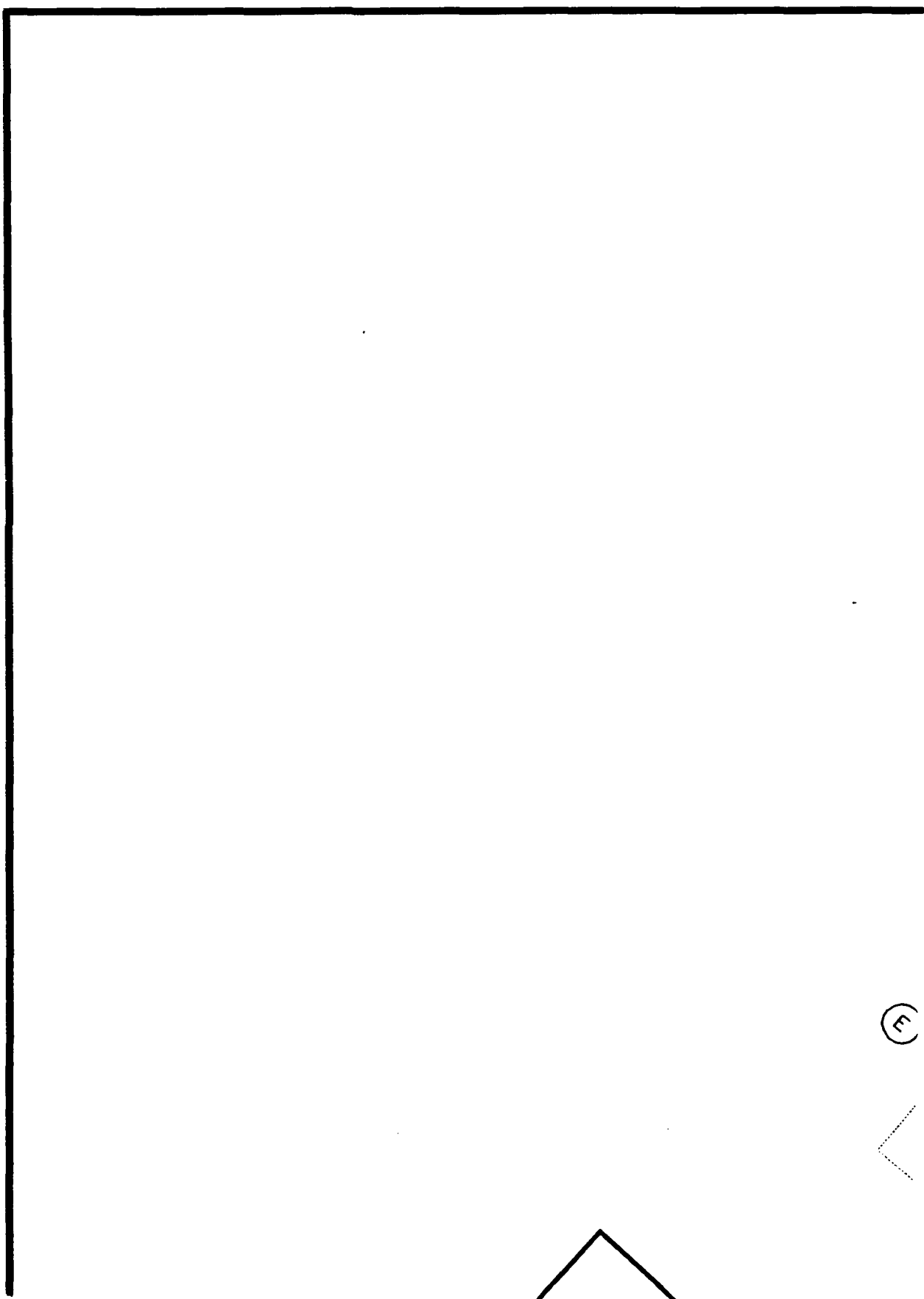


		PROJECT NO. CL115	DATE	EI DE 19101 VILLAVIEW
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		DRAWN BY		
		CHECKED BY		
		ENGINEER		
REVISIONS	BY	REGISTRATION NO.	DATE	



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	1				ENGINEER
	NO.	DATE	REVISIONS	BY	REGISTRATION NO. DATE

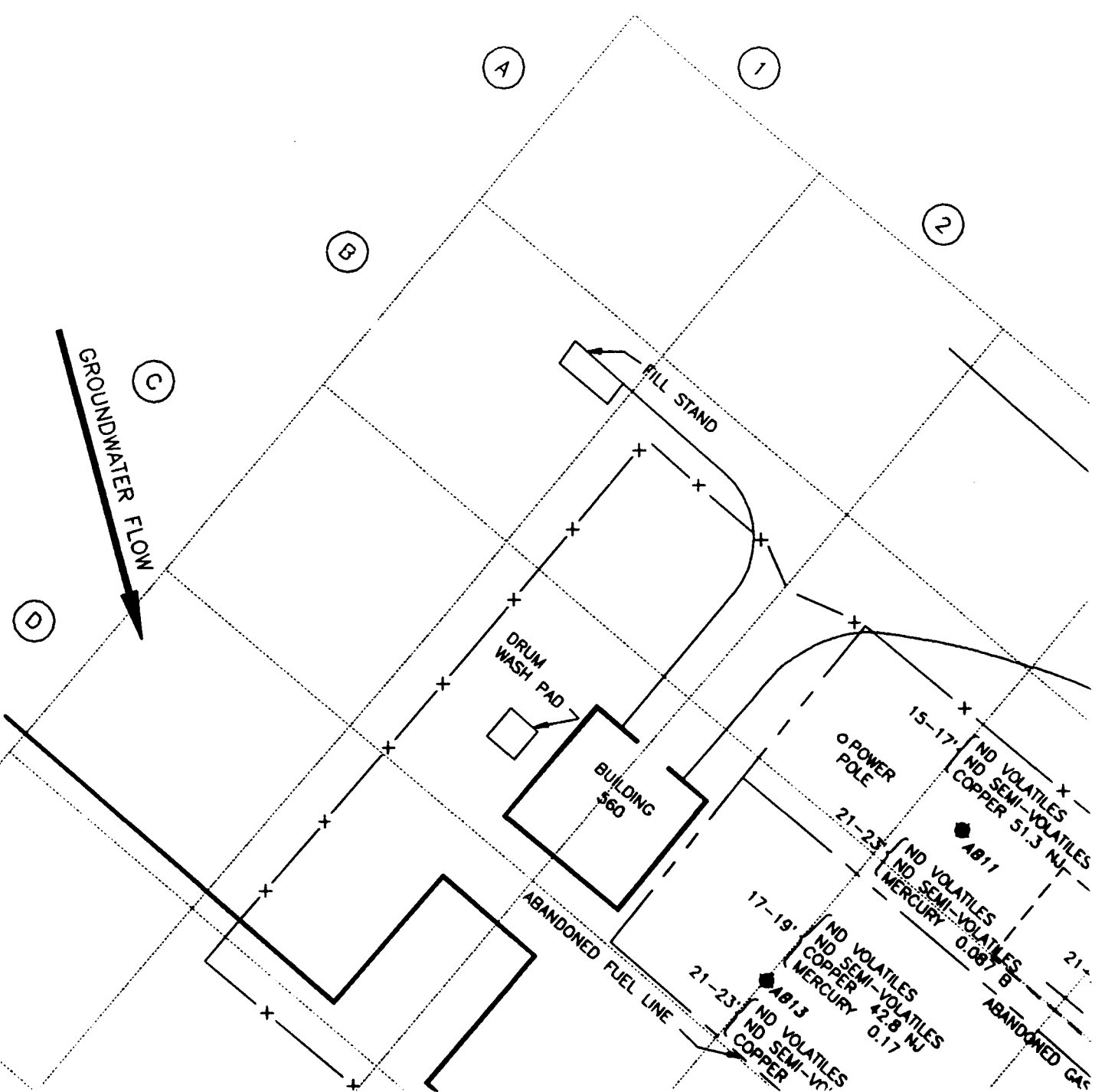
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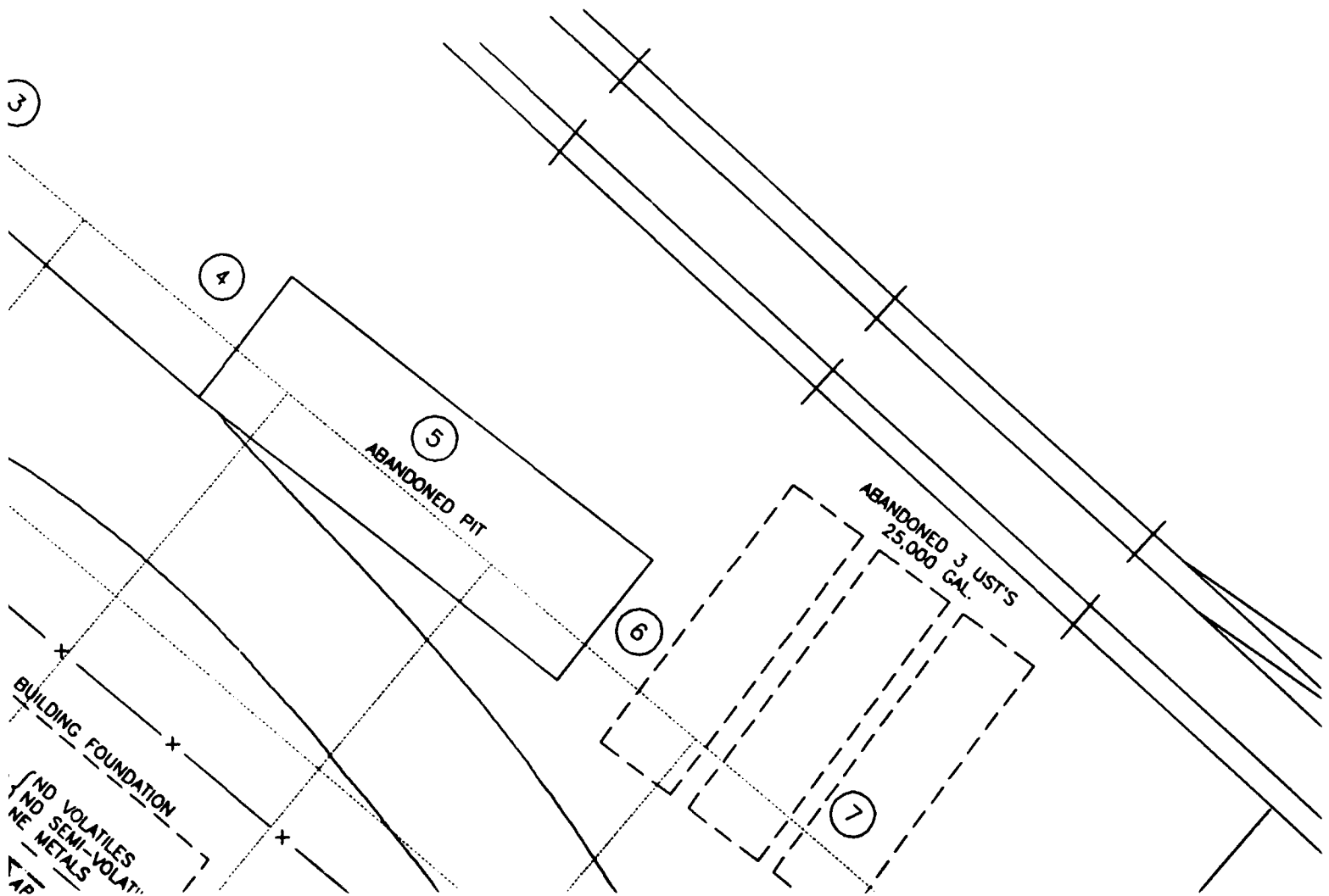


(2)

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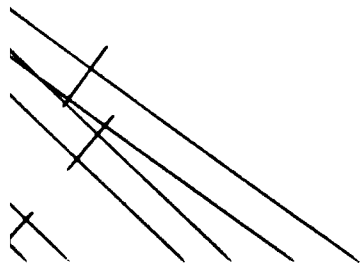




SCALE IN FEET

LEGEND:

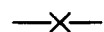
—X—	FENCE
● AB1/HB1	SOIL BORING
⊕ MW1	MONITORING WELL
▲ SU1	SURFACE SOIL SAMPLE
ND	NOT DETECTED
NE	DOES NOT EXCEED ESTABLISHED CRITERIA
SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA	
METALS IN mg/Kg	
VOLATILE AND SEMI-VOLATILE ORGANICS IN $\mu\text{g/Kg}$	





SCALE IN FEET

LEGEND:



FENCE



AB1/HB1

SOIL BORING



MW1

MONITORING WELL



SU1

SURFACE SOIL SAMPLE

ND

NOT DETECTED

NE

DOES NOT EXCEED ESTABLISHED CRITERIA,

SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA

METALS IN mg/Kg

VOLATILE AND SEMI-VOLATILE ORGANICS IN $\mu\text{g/Kg}$

0115C06	5				PROJECT NO. CL115
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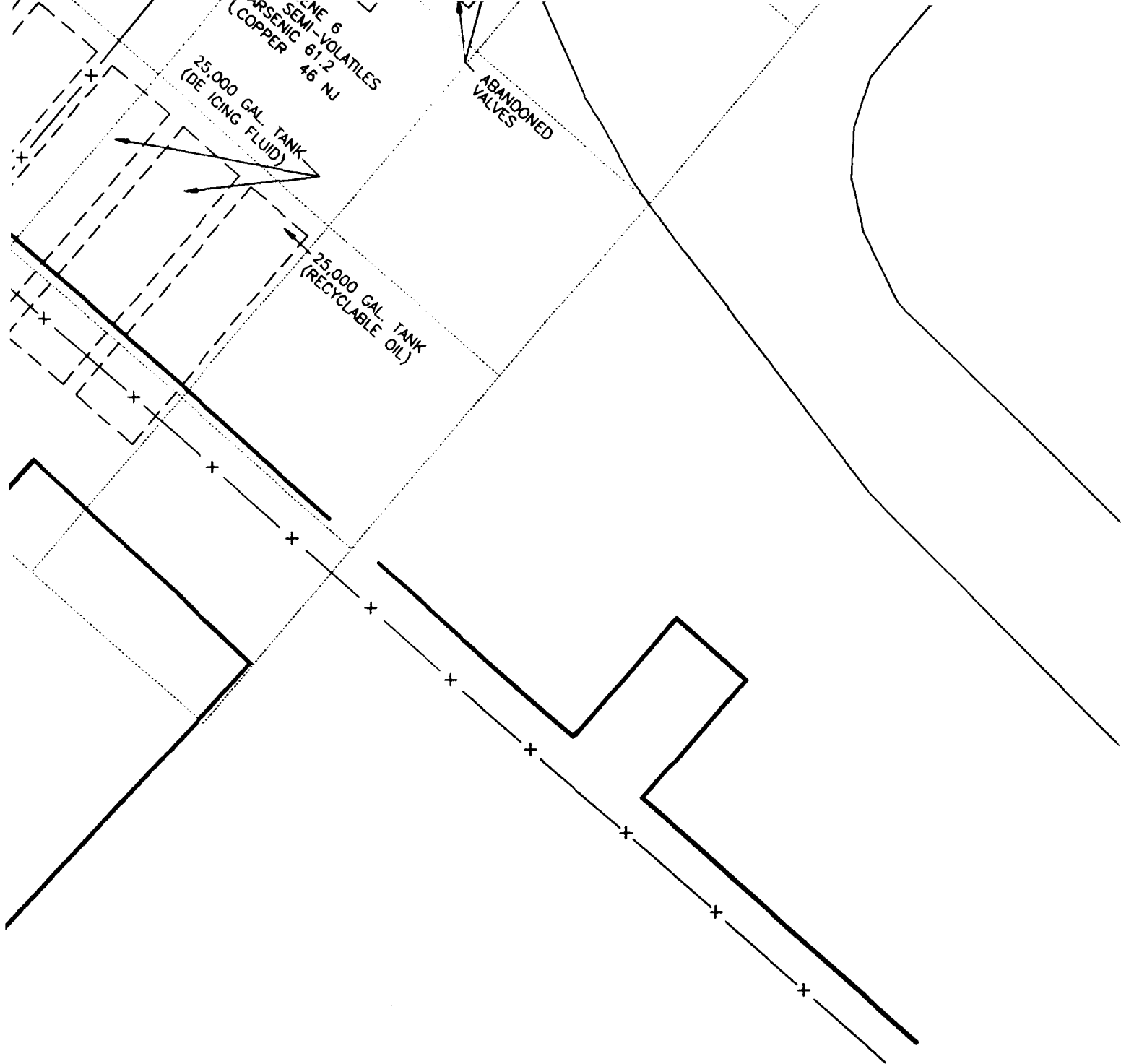


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1-9005	ES	HAZARDOUS WASTE STORAGE RICKENBACKER ANBG,
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RAGE AREA

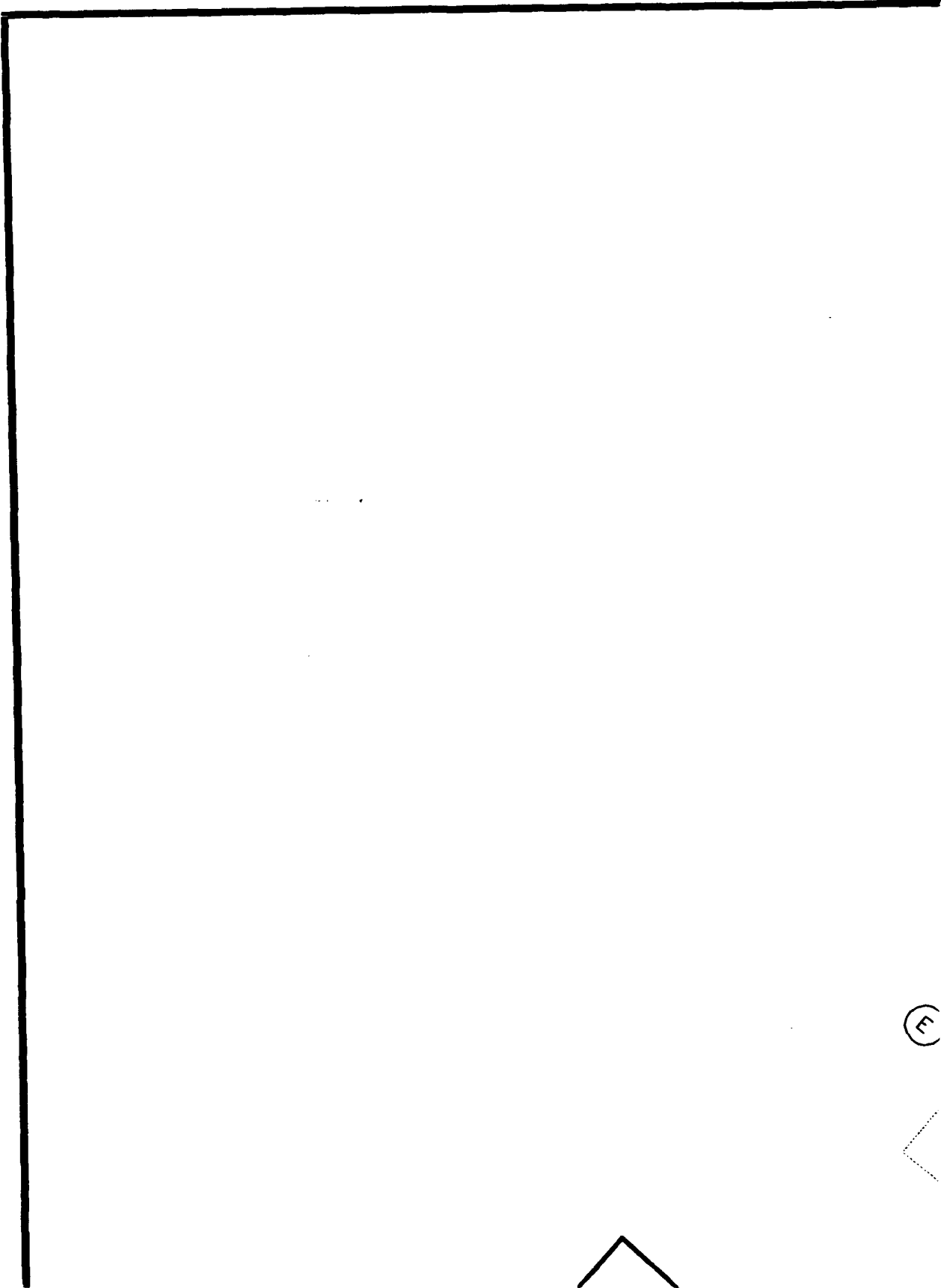
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**METALS, VOLATILE ORGANICS AND
SEMI-VOLATILE ORGANICS
SOIL SAMPLES > 15'**

ANALYTICAL RESULTS

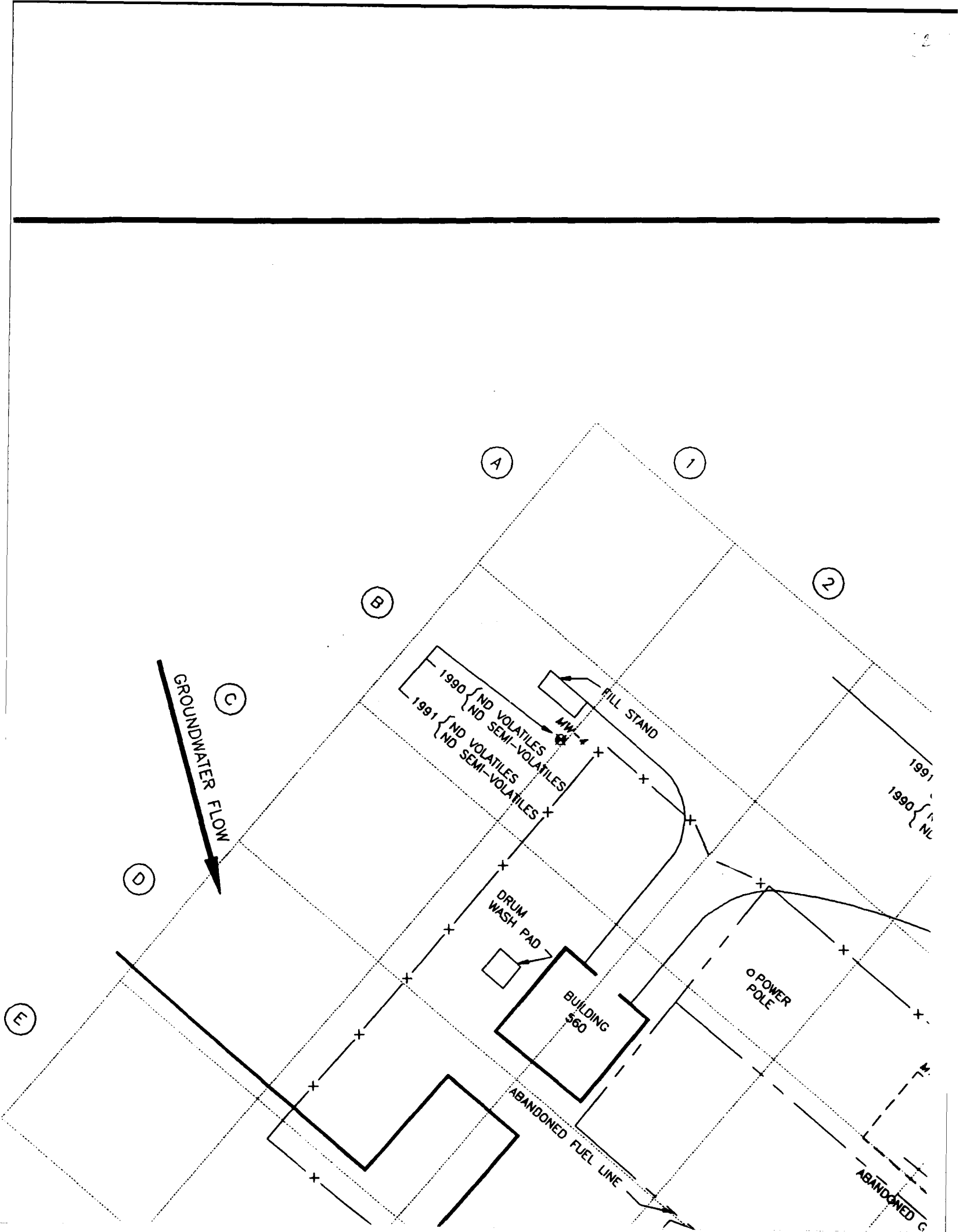


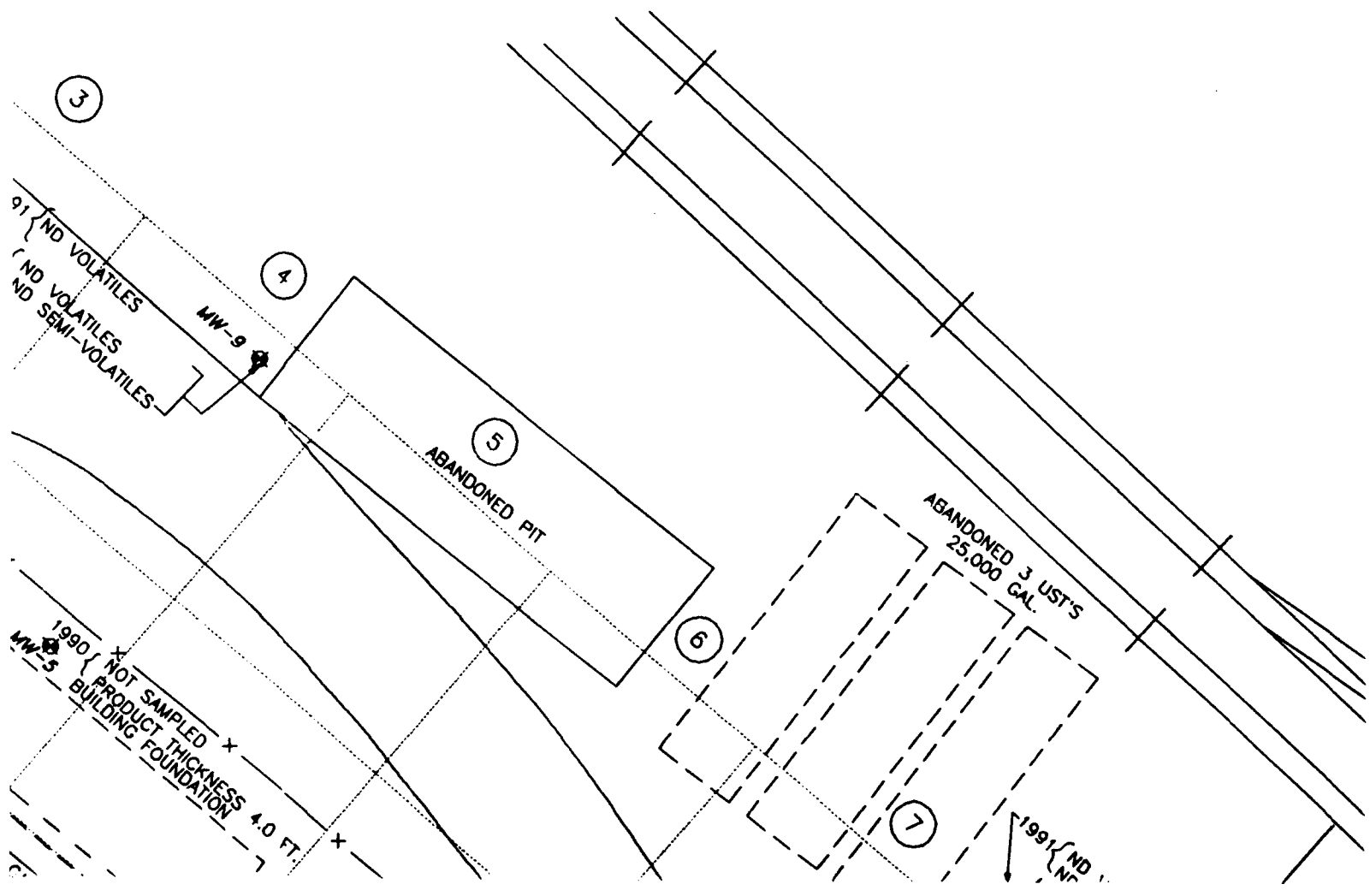
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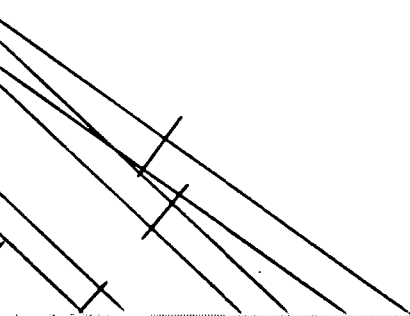




SCALE IN FEET

LEGEND:

- | | |
|-----------|---------------------|
| —X— | FENCE |
| ● AB1/HB1 | SOIL BORING |
| ⊕ MW1 | MONITORING WELL |
| ▲ SU1 | SURFACE SOIL SAMPLE |
| ND | NOT DETECTED |
- SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA
VOLATILE AND SEMI-VOLATILE ORGANICS IN $\mu\text{g/L}$





SCALE IN FEET

LEGEND:



FENCE



AB1/HB1

SOIL BORING



MW1

MONITORING WELL



SU1

SURFACE SOIL SAMPLE

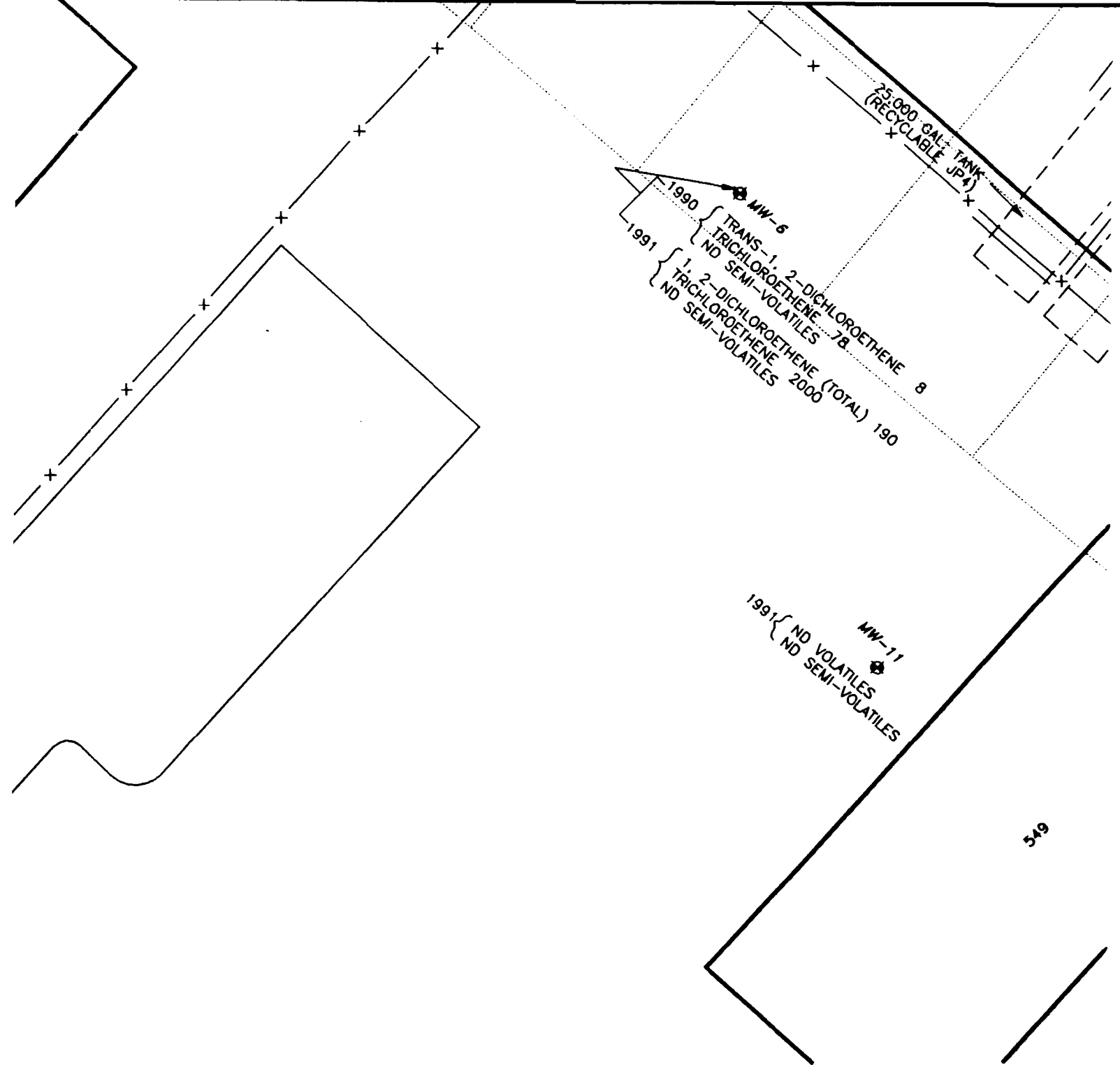
ND

NOT DETECTED

SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA

VOLATILE AND SEMI-VOLATILE ORGANICS IN $\mu\text{g/L}$

0115C06	5				PROJECT NO. CL115
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	1				ENGINEER
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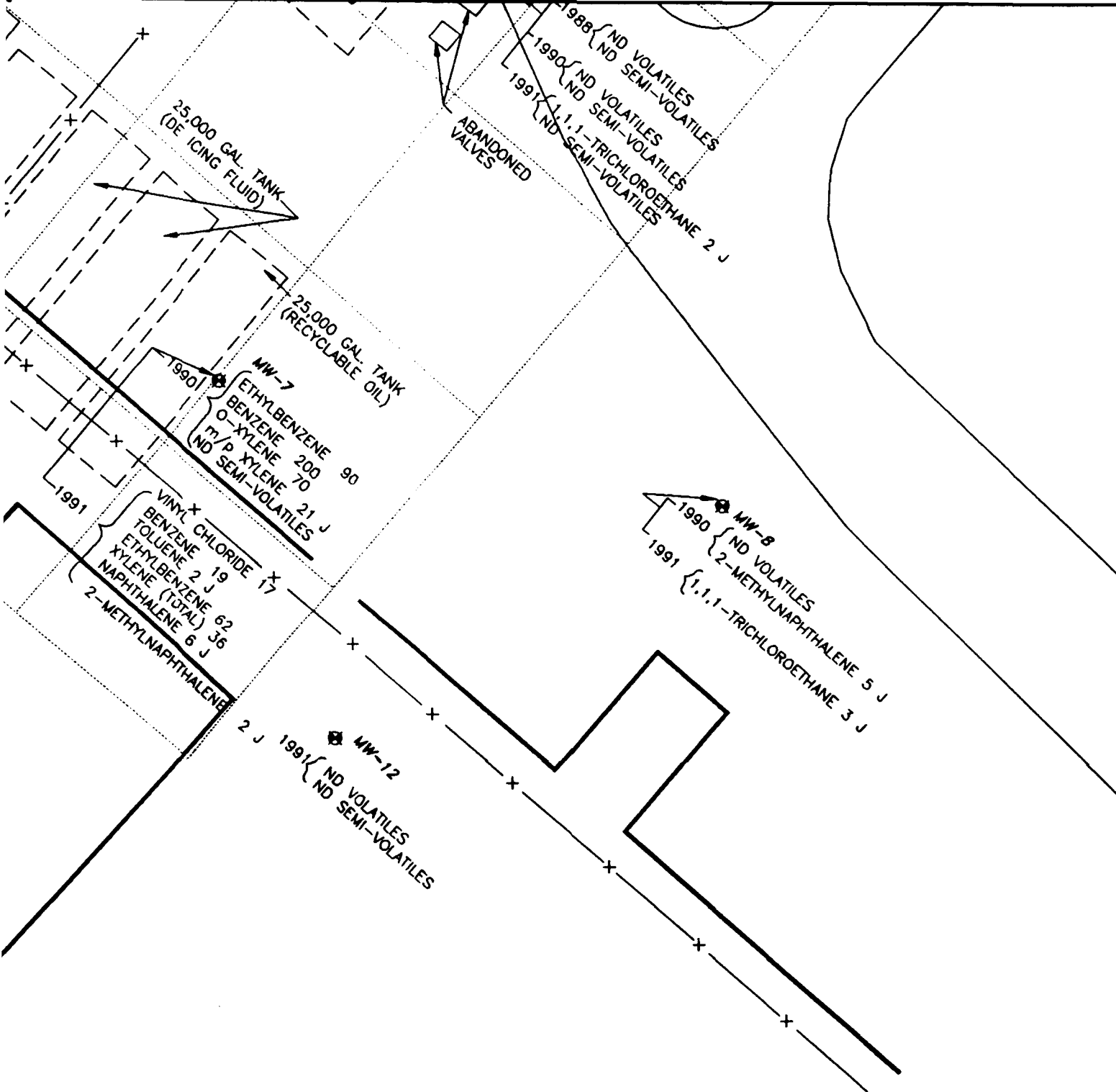


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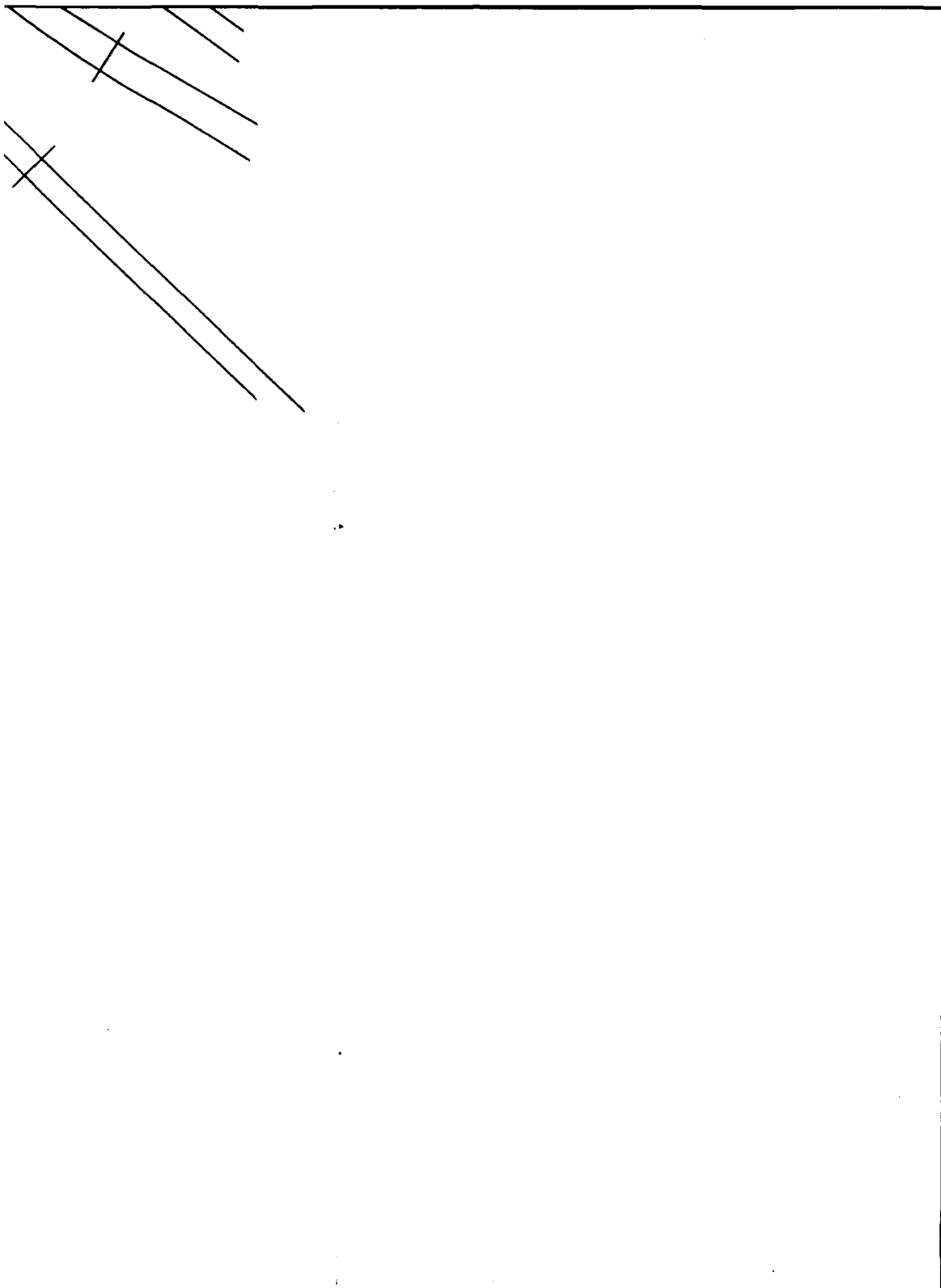
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ES

HAZARDOUS WASTE STORAGE

RICKENBACKER ANBG, OH

AGE AREA	VOLATILE ORGANICS AND SEMI-VOLATILE ORGANICS GROUNDWATER		SCALE AS
	ANALYTICAL RESULTS		SHEET
			FILE



**VOLATILE ORGANICS AND
SEMI-VOLATILE ORGANICS
GROUNDWATER**

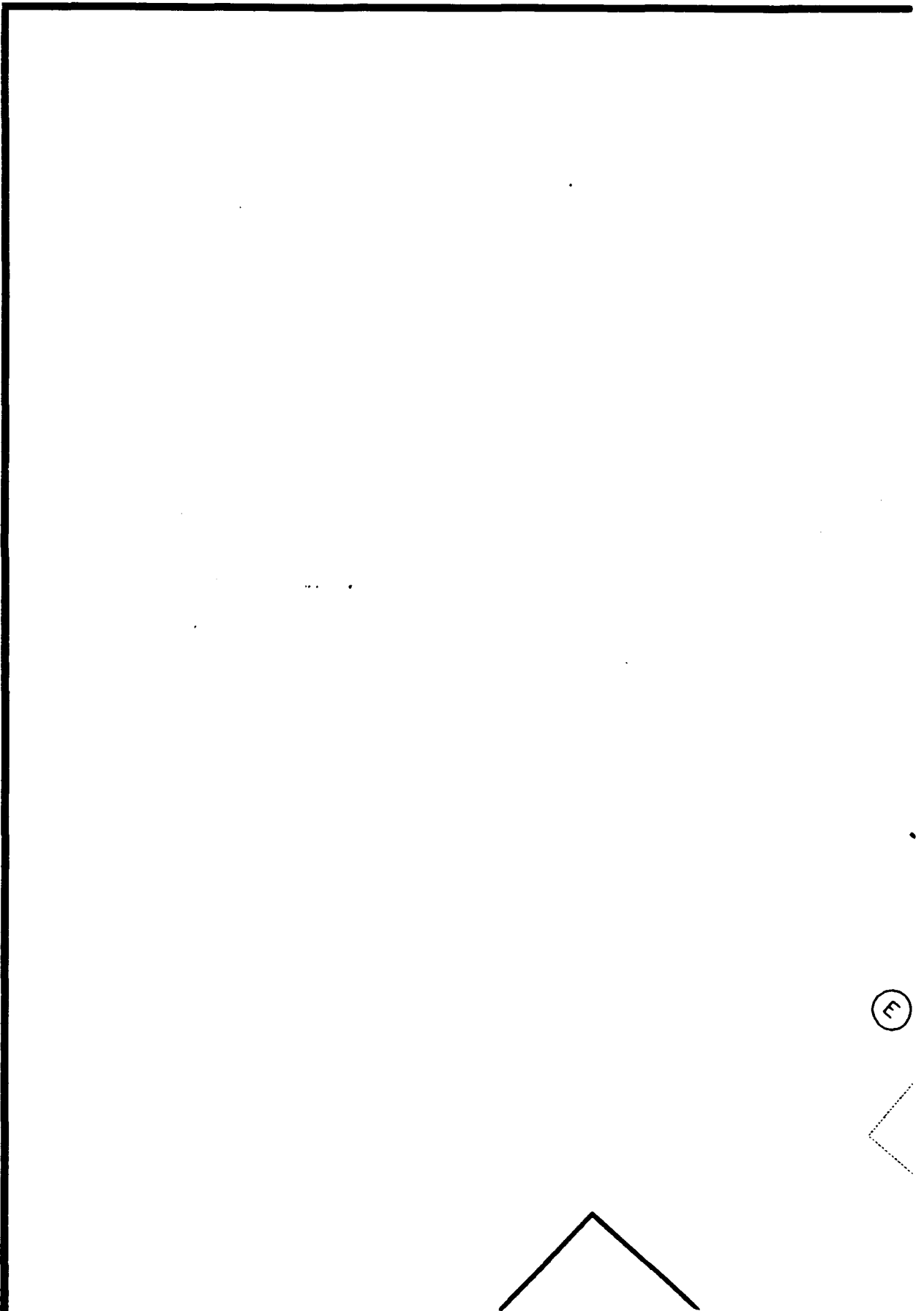
ANALYTICAL RESULTS

SCALE
AS SHOWN

SHEET NO.

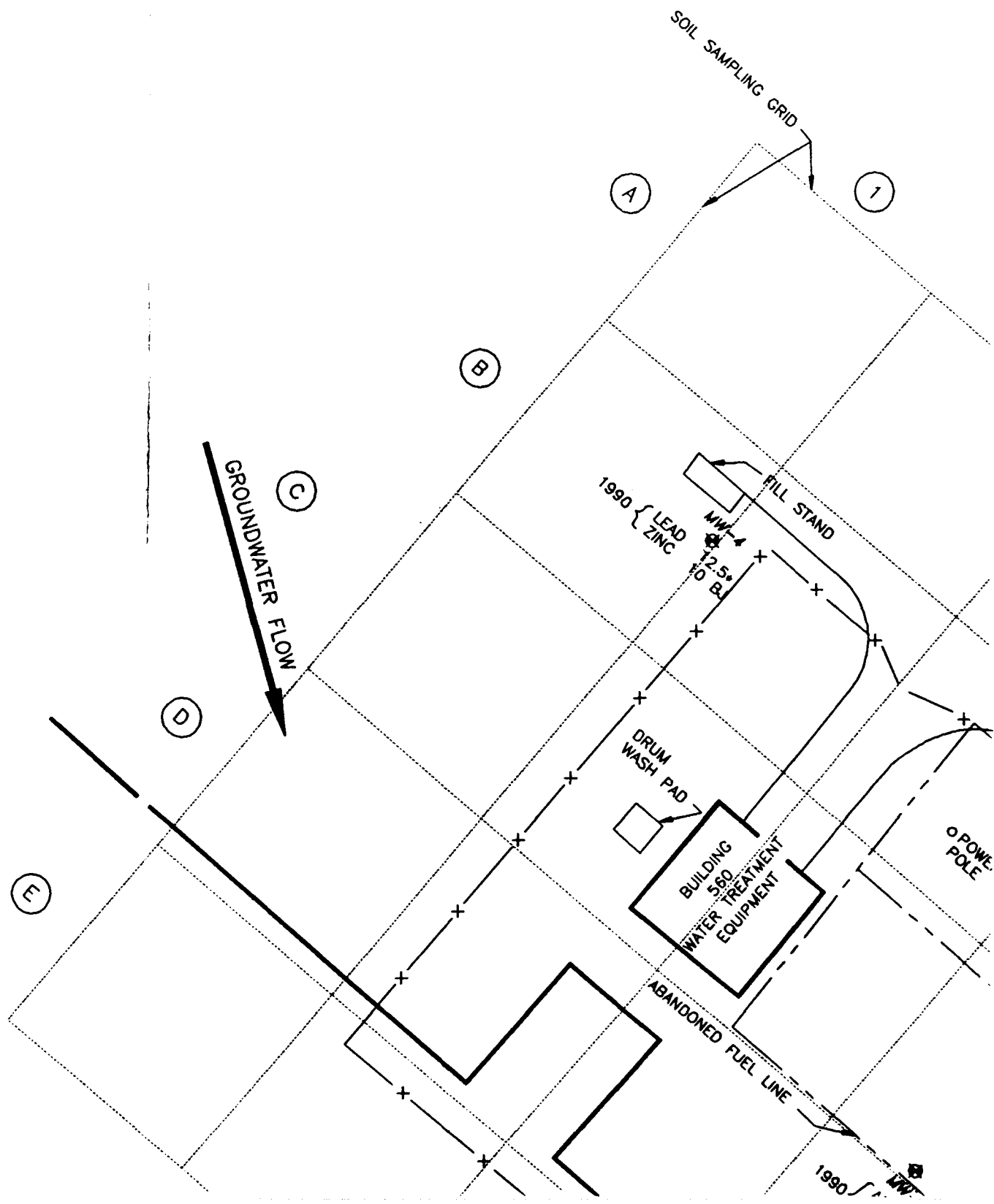
6

FILE NO.



②





2

3

1990 { ARSENIC 4.2 B*
LEAD 3.6 U*
ZINC 13 BU
MW-9

5

ABANDONED PIT

6

ABANDONED 3 UST'S
25,000 GAL.

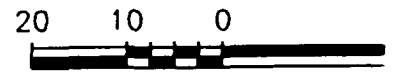
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1991 { ARSENIC 3.7
LEAD 3.7
ZINC 3.7
MW-10

ABANDONED RAILROAD TRACKS

1990 { NOT SAMPLED X
PRODUCT THICKNESS X
BUILDING FOUNDATION X
4.0 F. X

ABANDONED GASOLINE



SCALE IN FE

LEGEND:

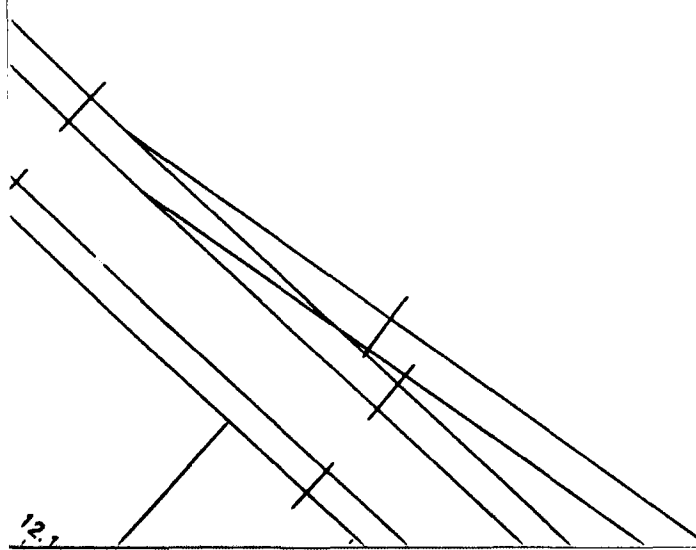
- | | |
|-----------|---------------------|
| —X— | FENCE |
| ● AB1/HB1 | SOIL BORING |
| ⊕ MW1 | MONITORING WELL |
| ▲ SU1 | SURFACE SOIL SAMPLE |
| * | MCL METALS |

METALS IN $\mu\text{g/L}$

SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA

NOTE:

1988 GROUNDWATER SAMPLES WERE NOT ANALYZED FOR FILTERED METALS.





SCALE IN FEET

LEGEND:

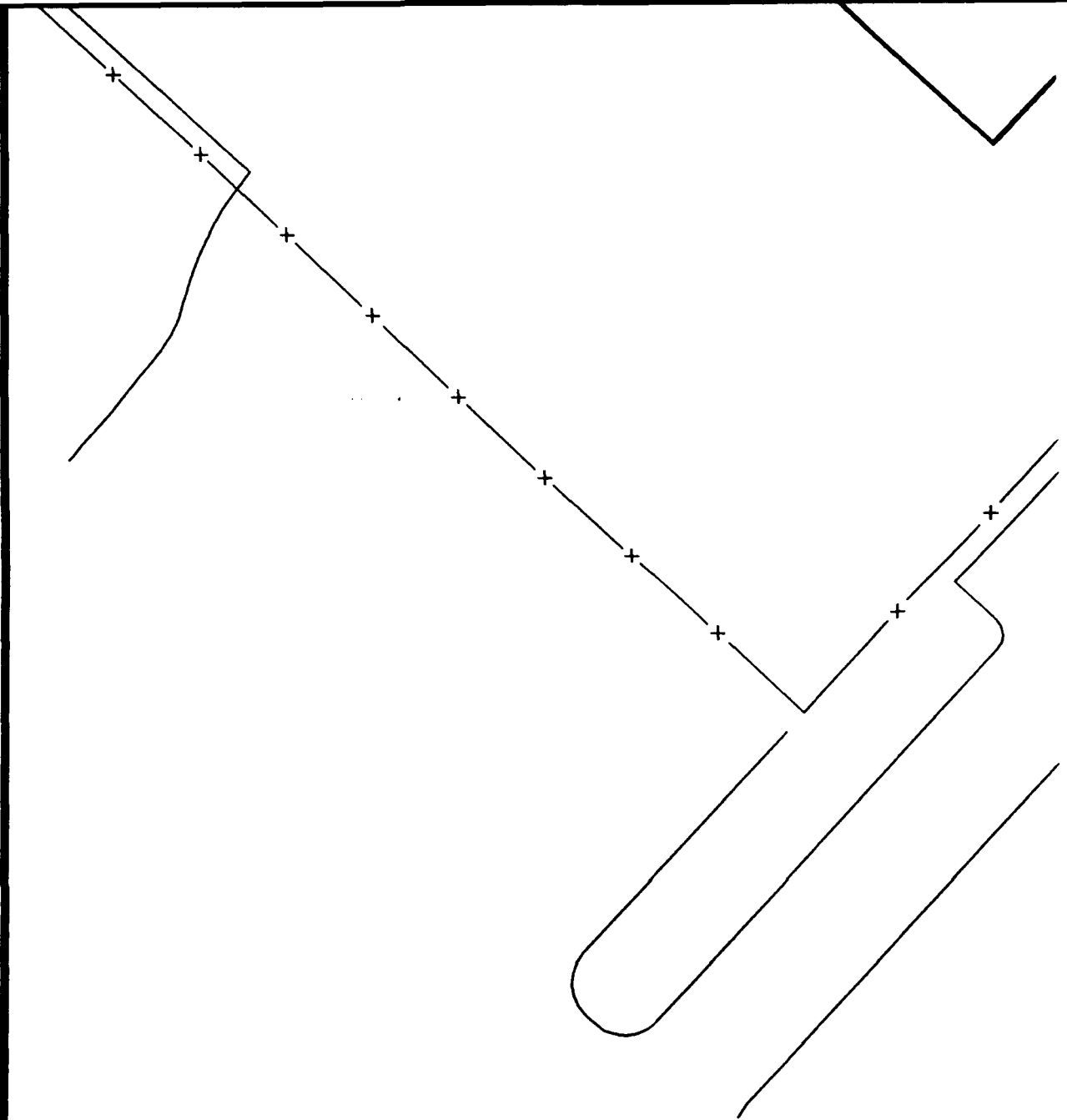
- X— FENCE
- ◆ AB1/HB1 SOIL BORING
- ⊕ MW1 MONITORING WELL
- ▲ SU1 SURFACE SOIL SAMPLE
- * MCL METALS

METALS IN $\mu\text{g/L}$

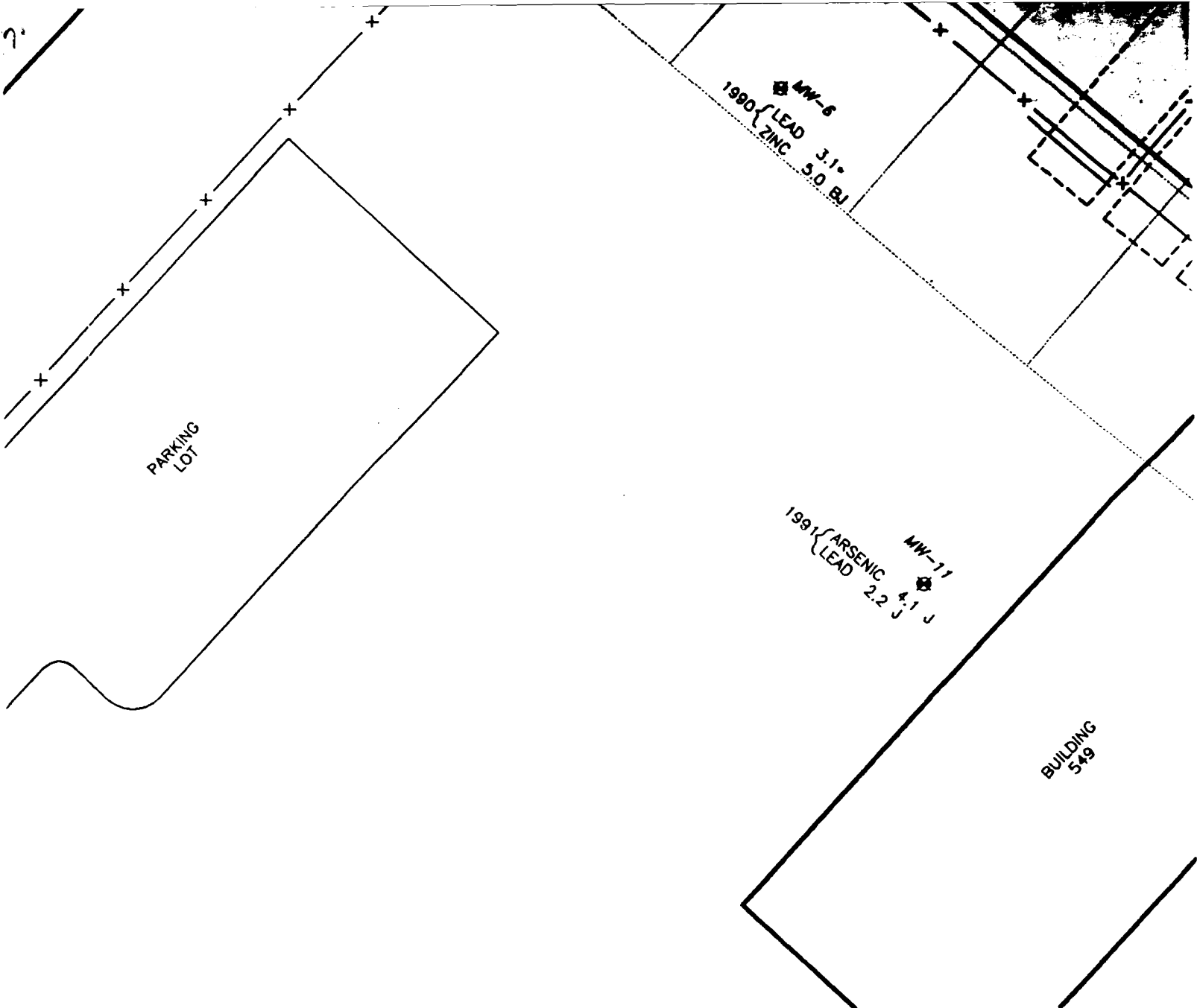
SEE TEXT FOR EXPLANATION OF MAPPING CRITERIA

NOTE:

1988 GROUNDWATER SAMPLES WERE NOT ANALYZED
FOR FILTERED METALS.



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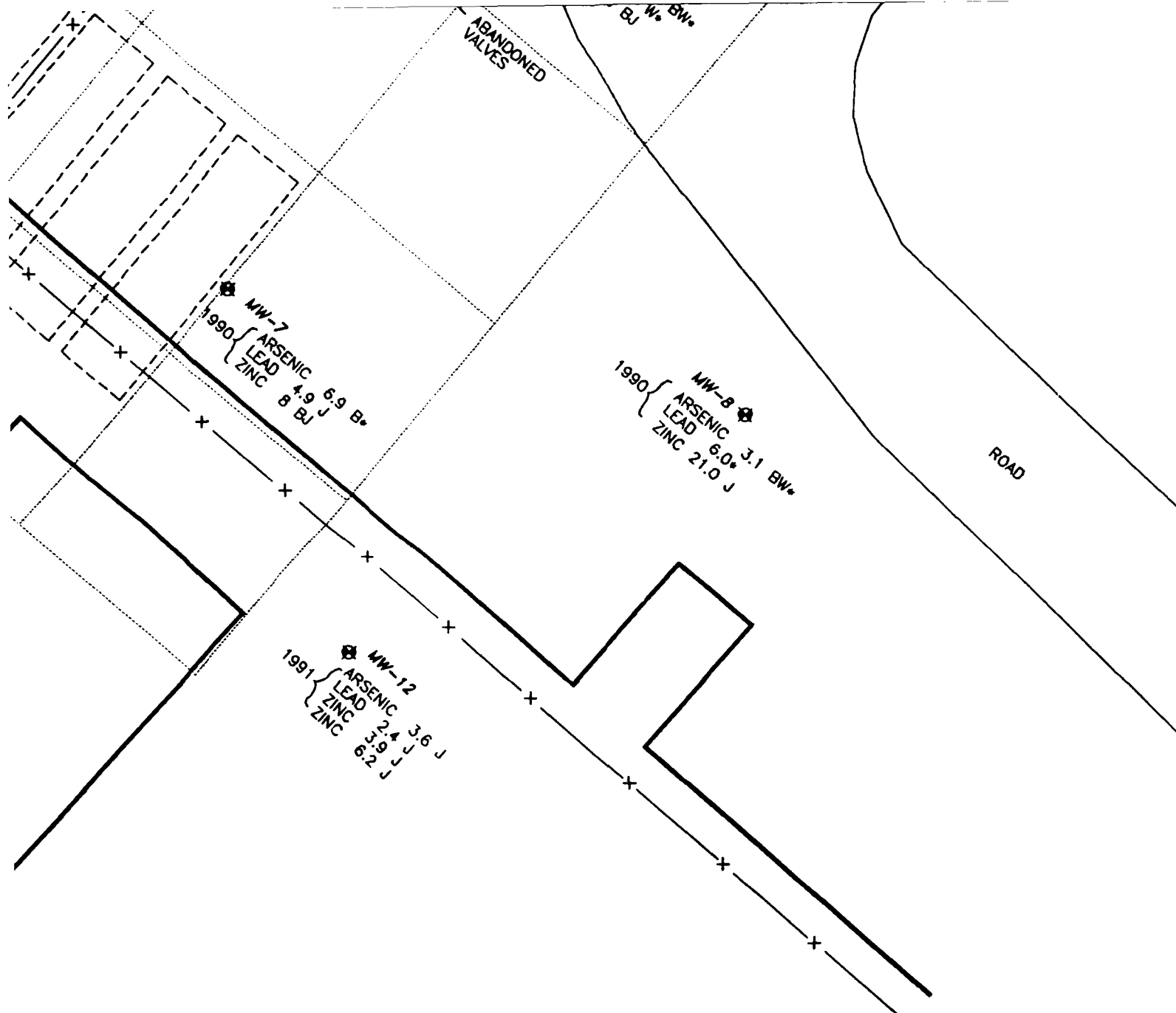


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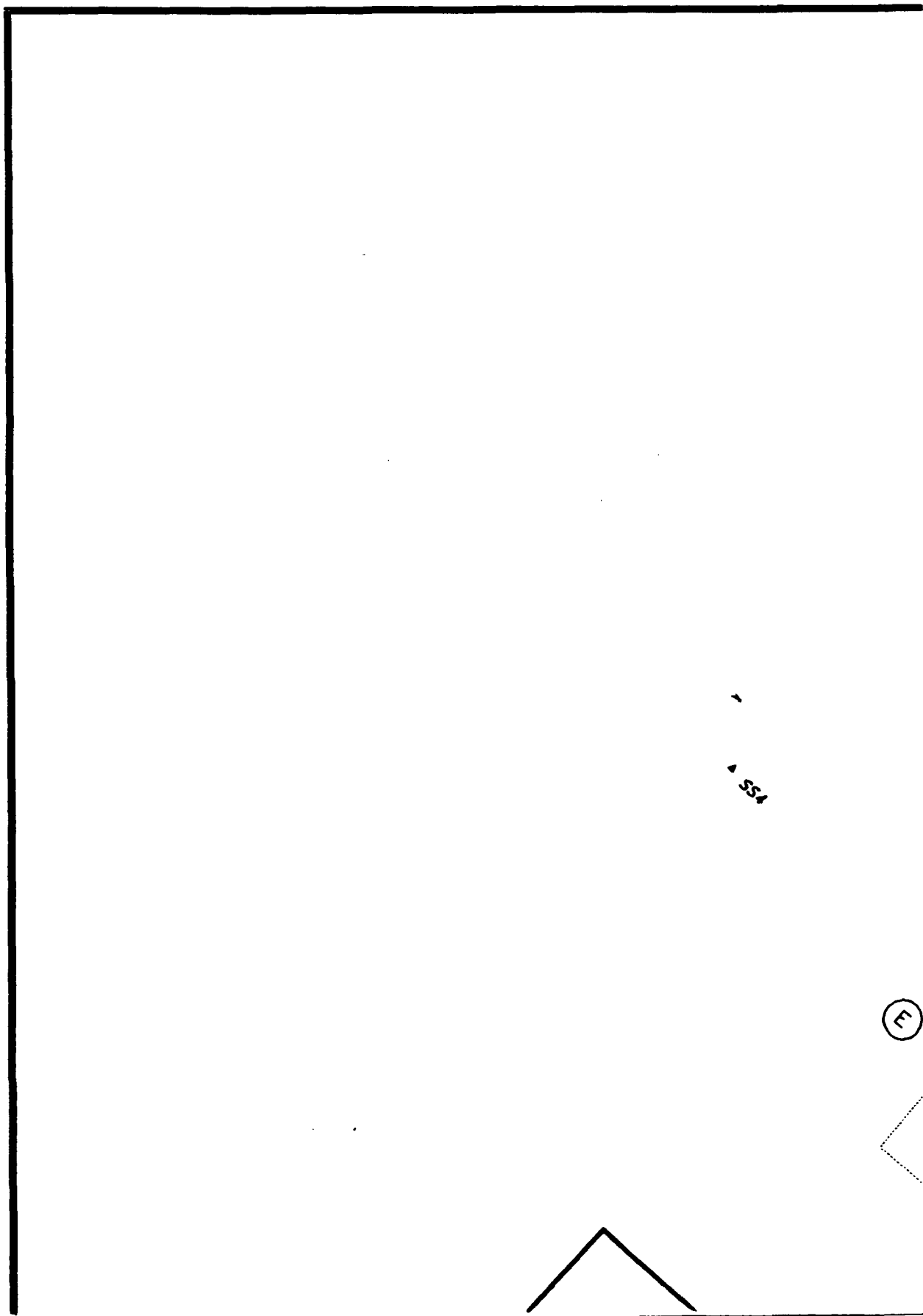
HAZARDOUS WASTE STORAGE

RICKENBACKER ARMB, OHIO



AGE AREA D	FILTERED METAL ANALYSIS GROUNDWATER SAMPLES	SCALE AS S
		SHEET
	ANALYTICAL RESULTS	FILE NC





1
SS1

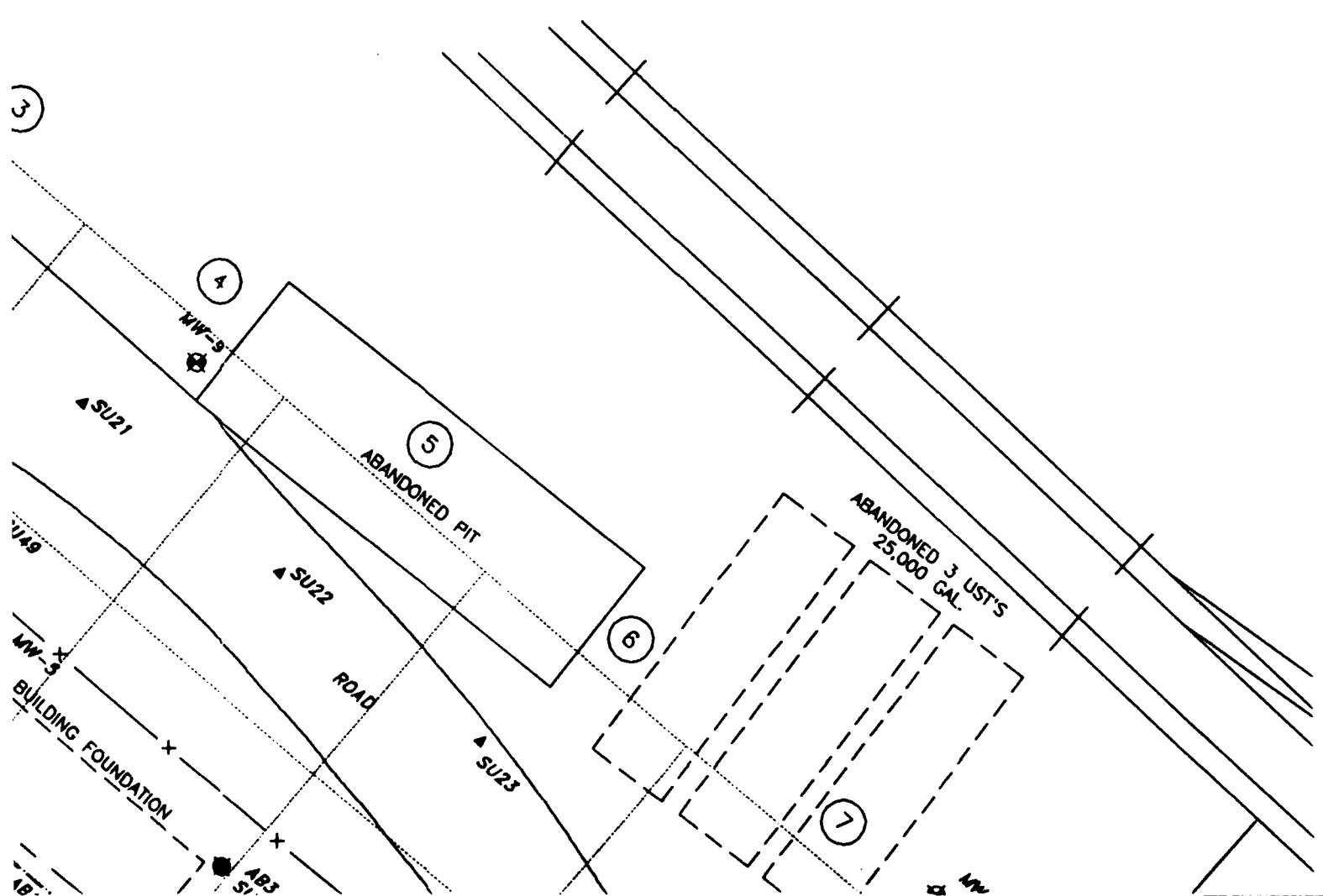
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3

3

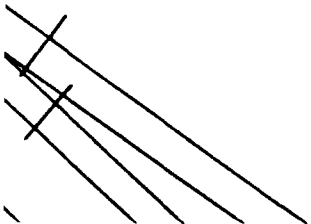


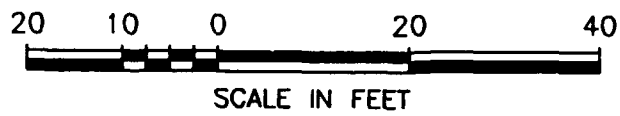


SCALE IN FEET

LEGEND:

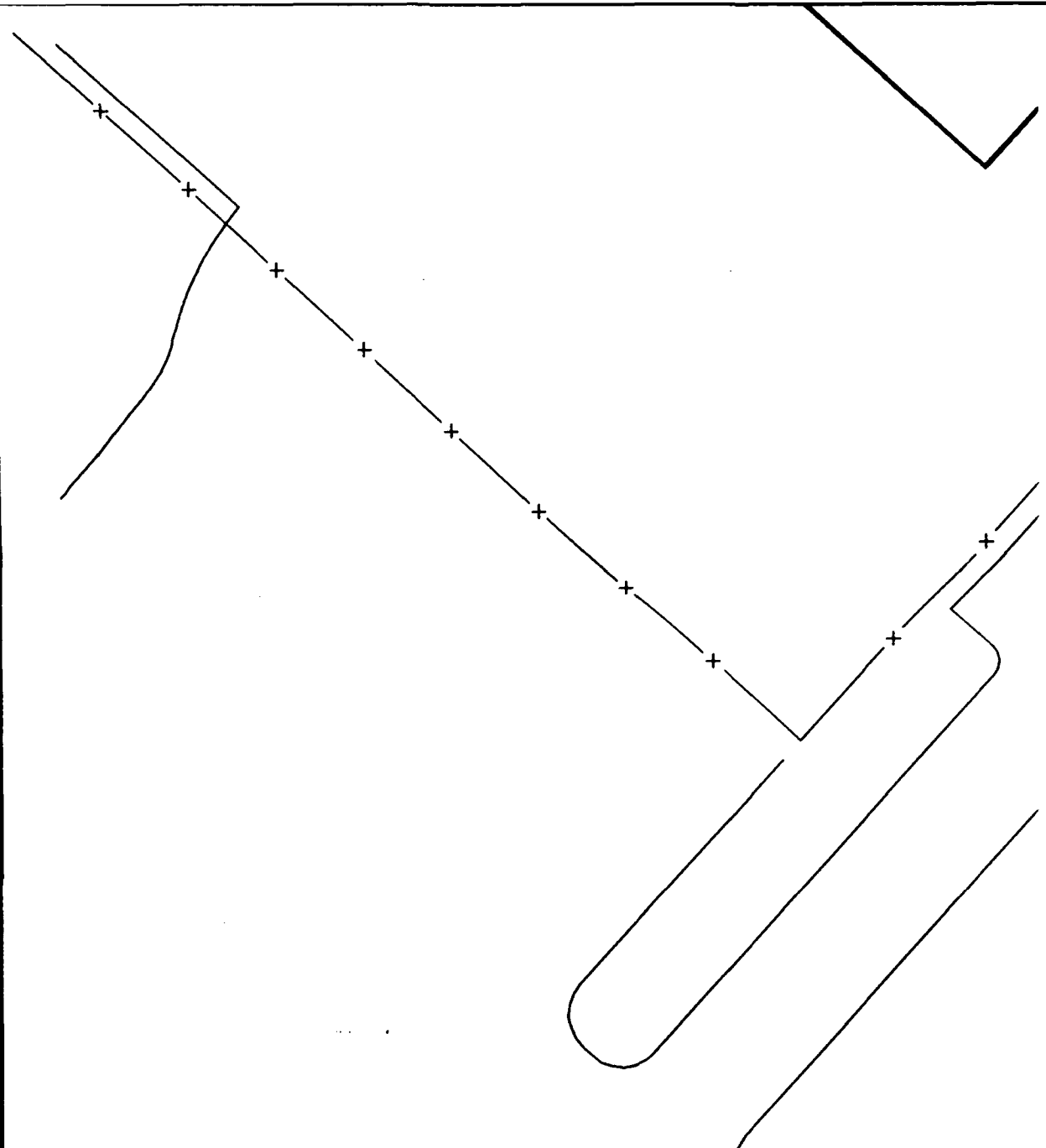
- | | |
|-----------|---------------------|
| —X— | FENCE |
| ● AB1/HB1 | SOIL BORING |
| ⊕ MW1 | MONITORING WELL |
| ▲ SU1 | SURFACE SOIL SAMPLE |



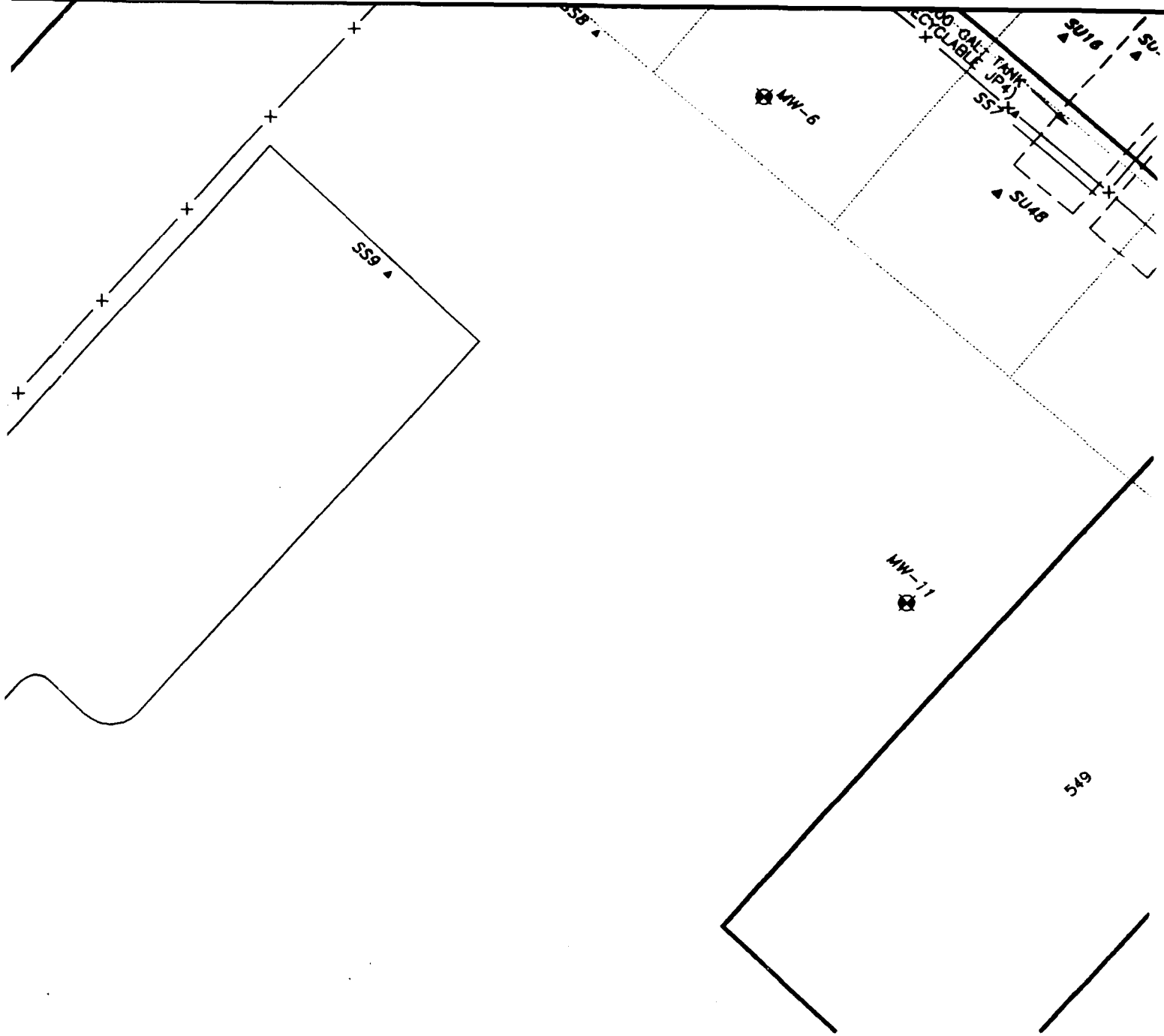


LEGEND:

- | | |
|-----------|---------------------|
| —X— | FENCE |
| ◆ AB1/HB1 | SOIL BORING |
| ⊕ MW1 | MONITORING WELL |
| ▲ SU1 | SURFACE SOIL SAMPLE |



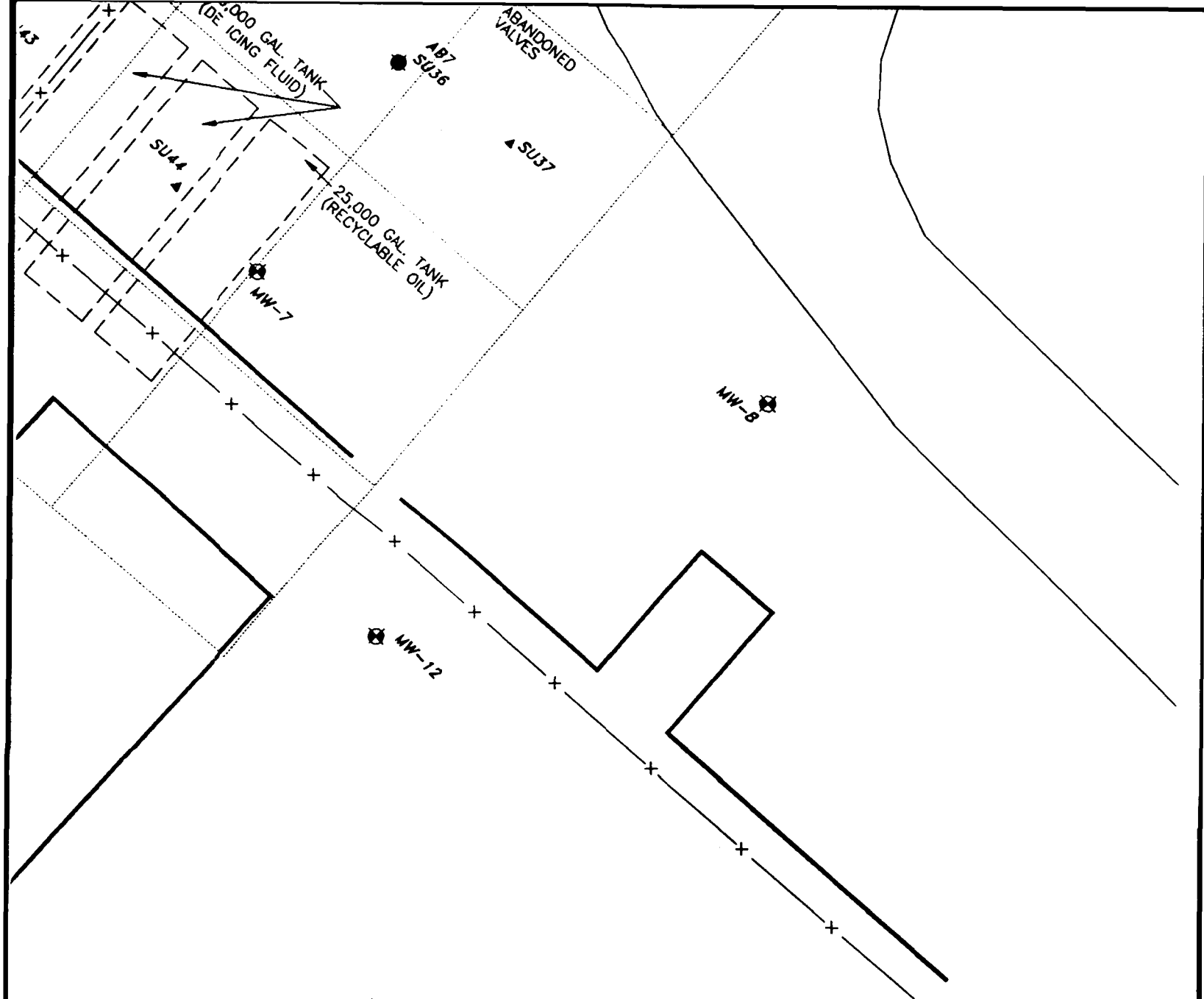
0115C06	5				PROJECT NO. CL115
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	3				DRAWN BY
	2				CHECKED BY
	1				ENGINEER _____
	NO.	DATE	REVISIONS	BY	REGISTRATION NO. _____ DATE



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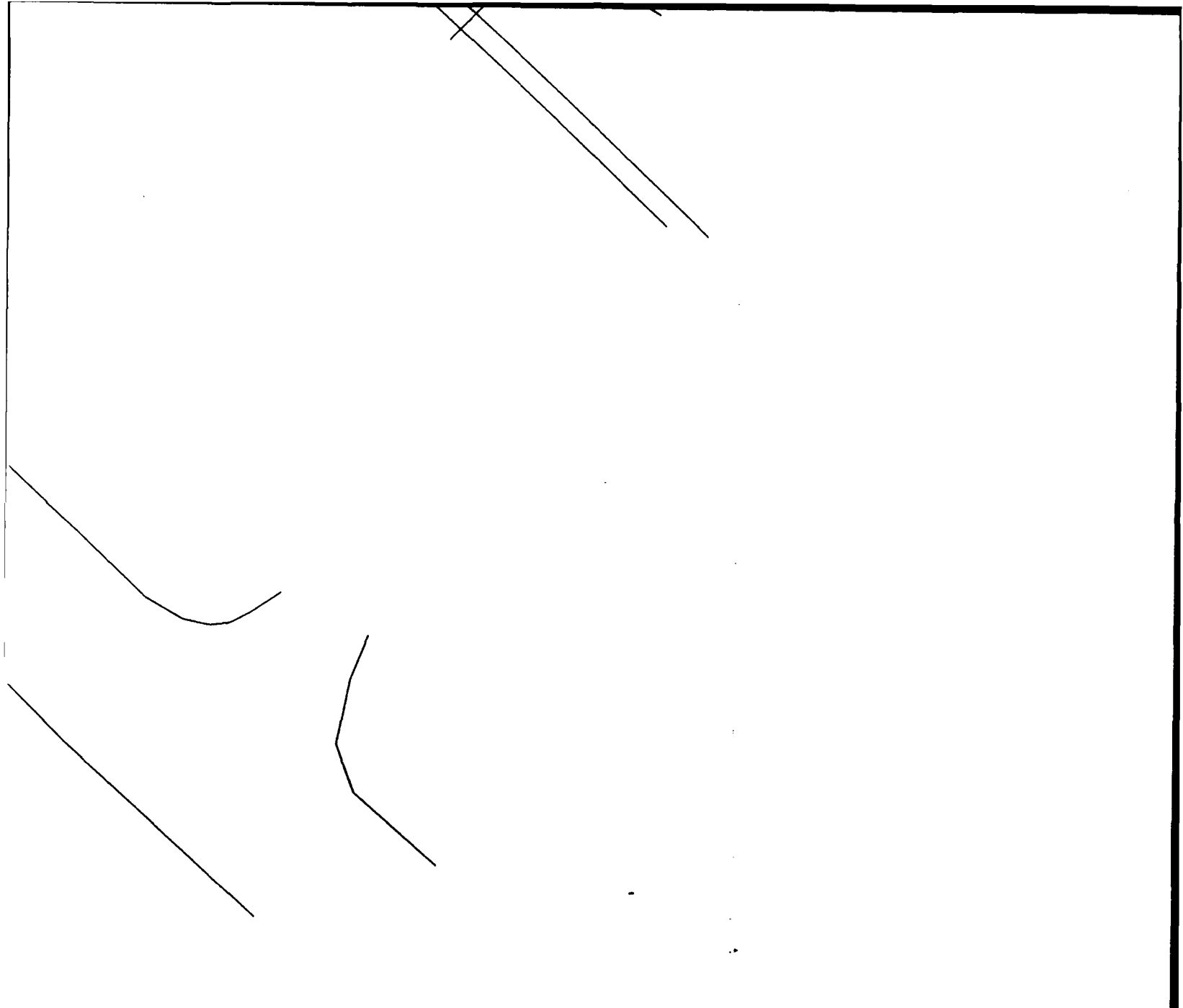


36-9005

ES

HAZARDOUS WASTE STOP

RICKENBACKER ANBG, OH



RAGE AREA HIO	SAMPLING LOCATIONS	SCALI
		AS
		SHEE
		FILE

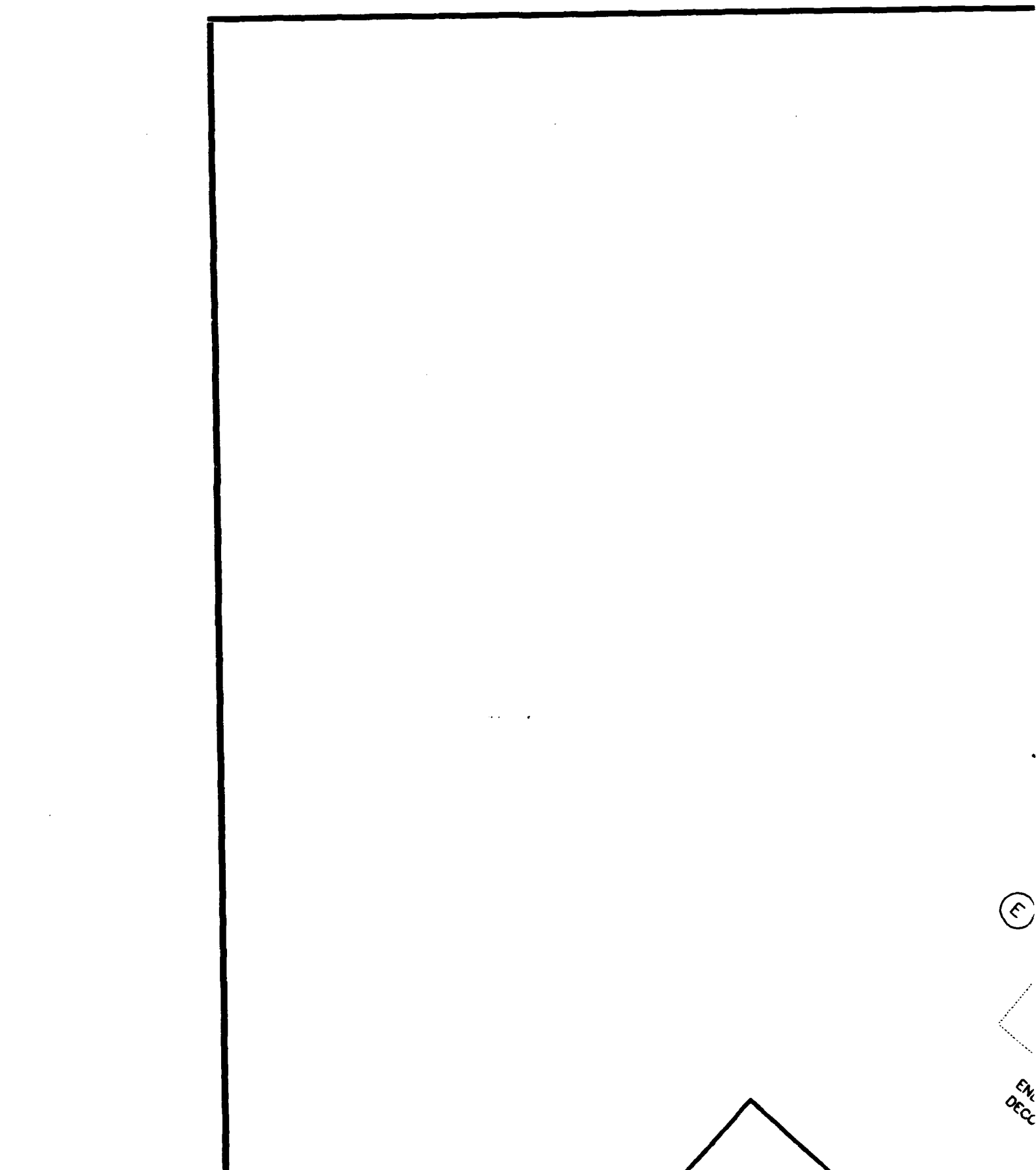
SAMPLING LOCATIONS

SCALE
AS SHOWN

SHEET NO.

8

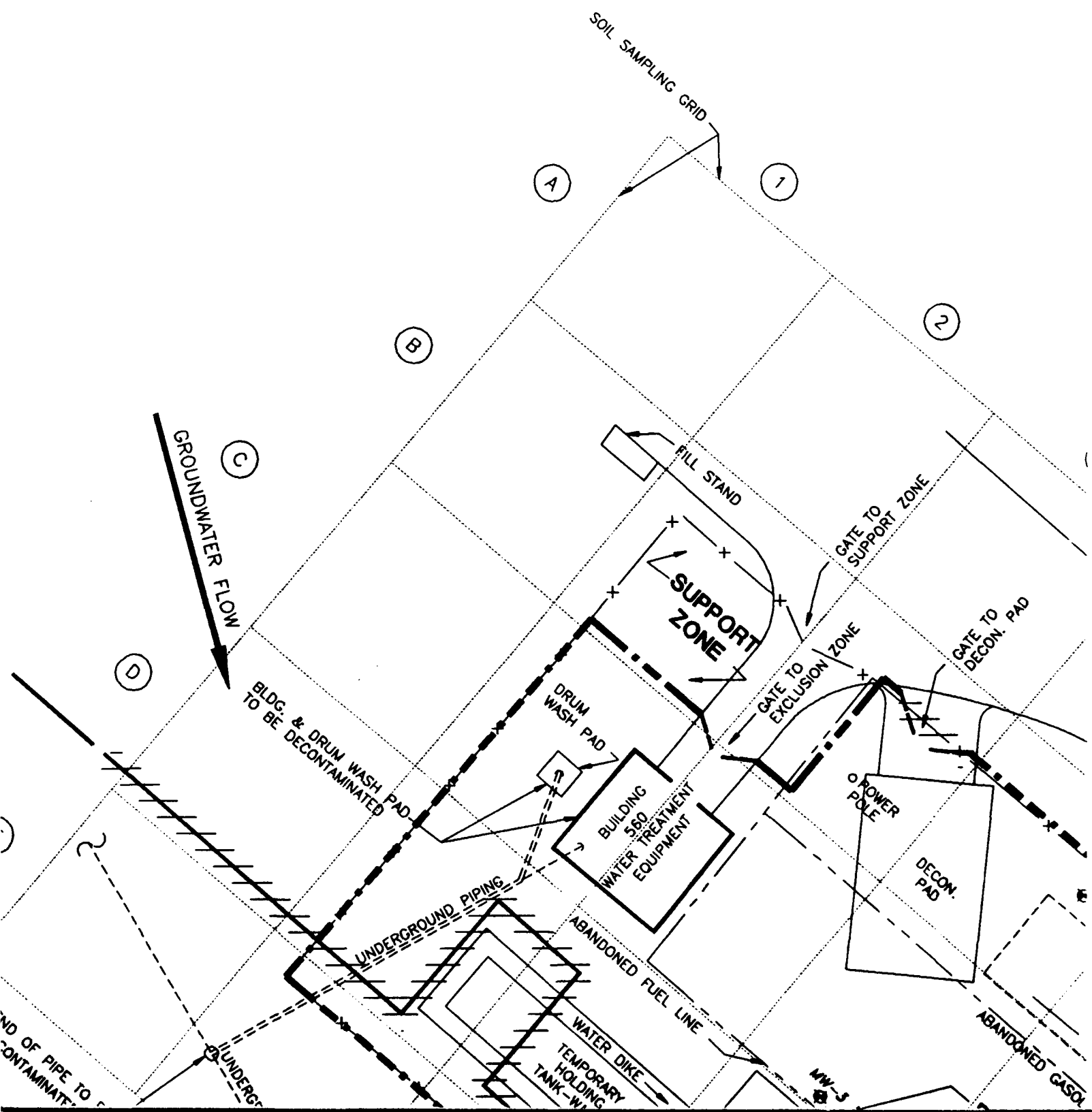
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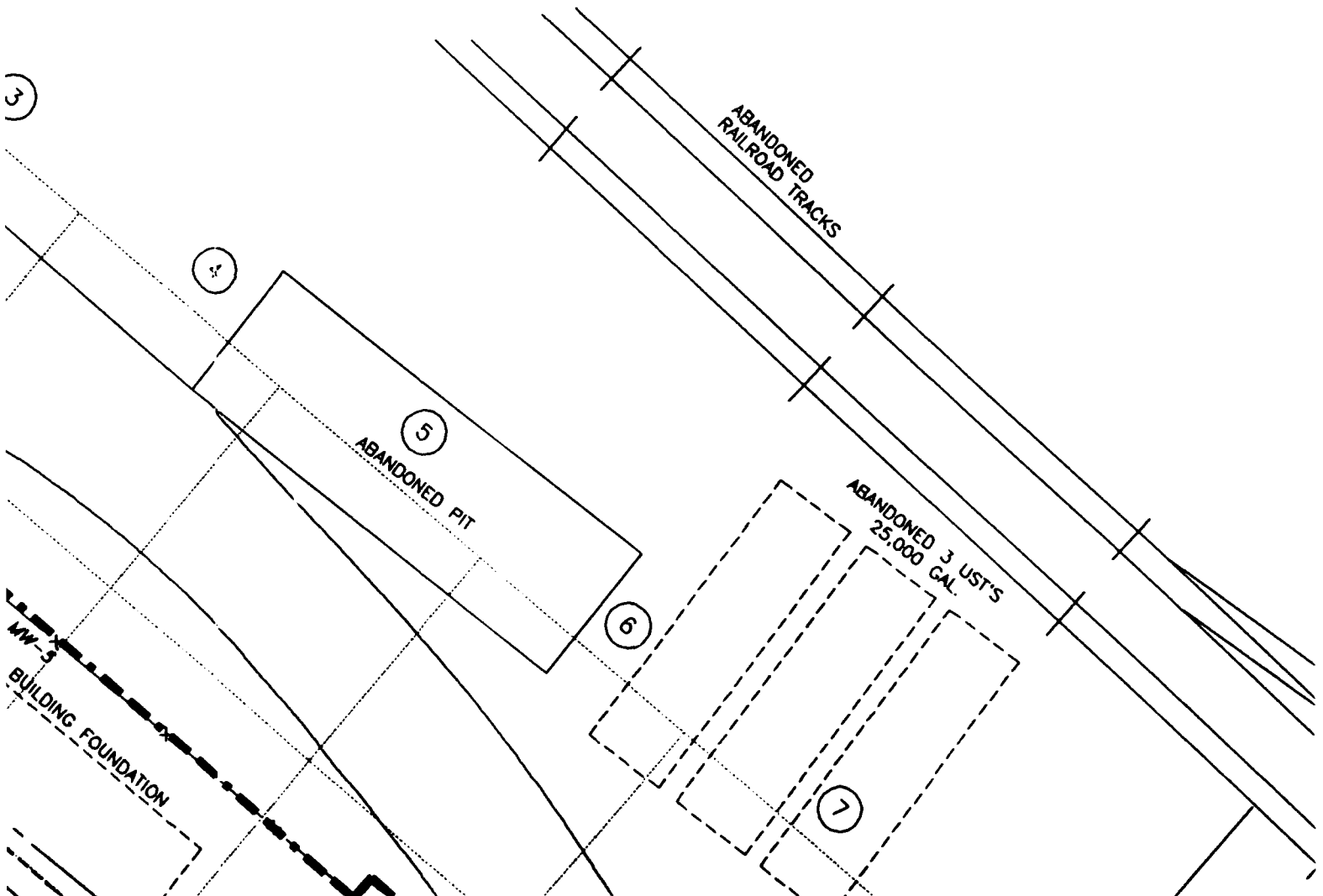


(E)



ENL
DECC







SCALE IN FEET

LEGEND:

◆ AB1/HR1

SOIL BORING

⊕ MW1

MONITORING WELL

▲ SU1

SURFACE SOIL SAMPLE

⊗

RECOVERY WELL

— — — —

TEMPORARY FENCING FOR
EXCLUSION ZONE

///

STEAM LINE TO BE REMOVED

—

STEAM LINE

///

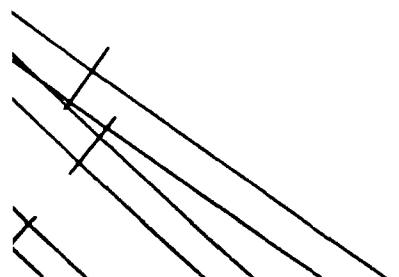
FENCE TO BE REMOVED

—X—

FENCE

=====

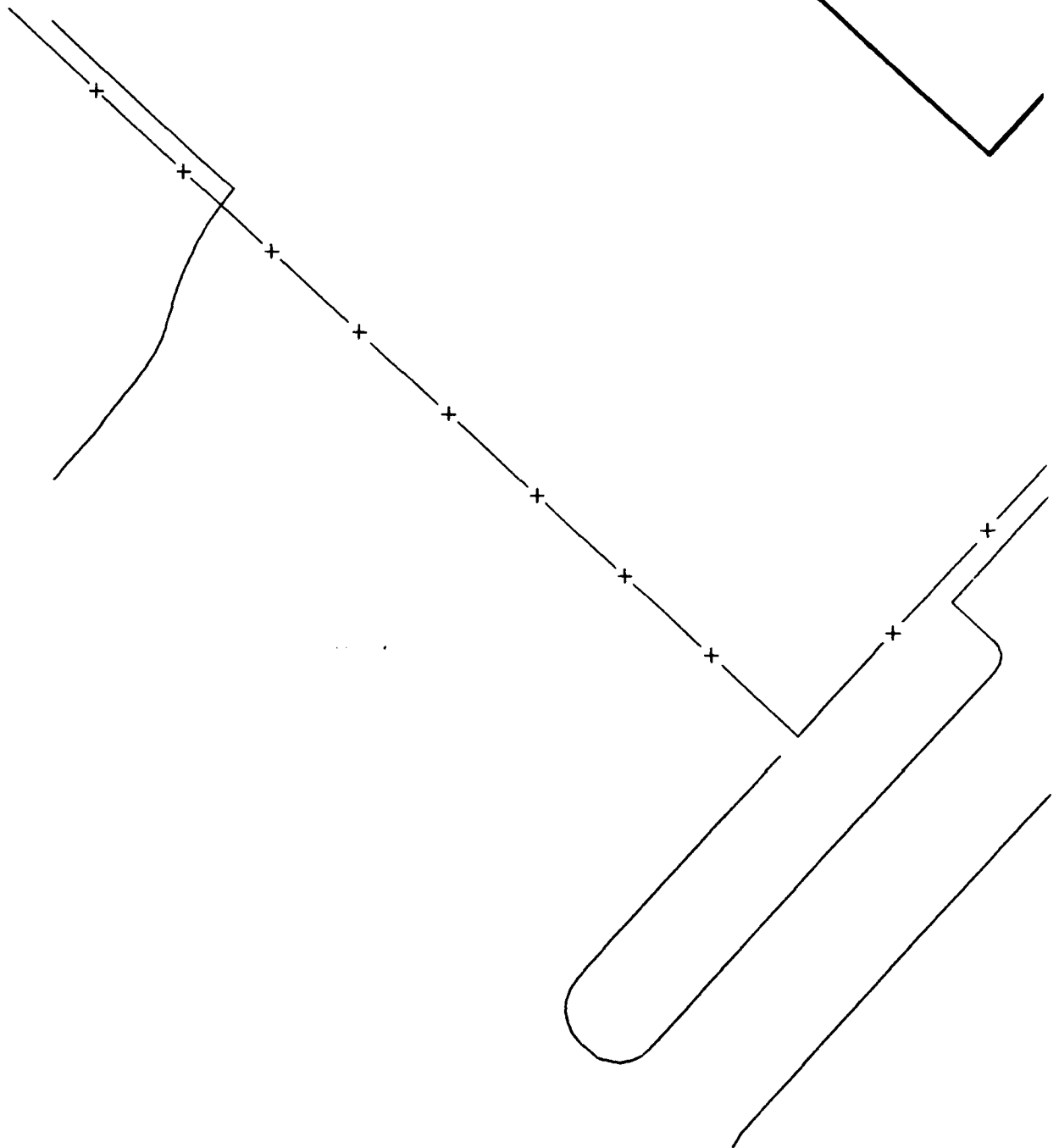
PIPING TO BE DECONTAMINATED





LEGEND:

● AB1/HB1	SOIL BORING
⊕ MW1	MONITORING WELL
▲ SU1	SURFACE SOIL SAMPLE
⊗	RECOVERY WELL
— — — — —	TEMPORARY FENCING FOR EXCLUSION ZONE
— — — — —	STEAM LINE TO BE REMOVED
— — — — —	STEAM LINE
— — — — —	FENCE TO BE REMOVED
— — — — —	FENCE
=====	PIPING TO BE DECONTAMINATED



0115C06	5				PROJECT NO. CL115
	4				DESIGNED BY
	3				DRAWN BY
	2				CHECKED BY
	1				ENGINEER
	NO.	DATE	REVISIONS	BY	REGISTRATION NO. DATE

PARKING
LOT

MW-6

4 TANKS AND ASSOCIATED
PIPING TO BE REMOVED.
DECONTAMINATED AND DISPOSED OF
SOIL TO BE CHARACTERIZED AND
HANDLED APPROPRIATELY

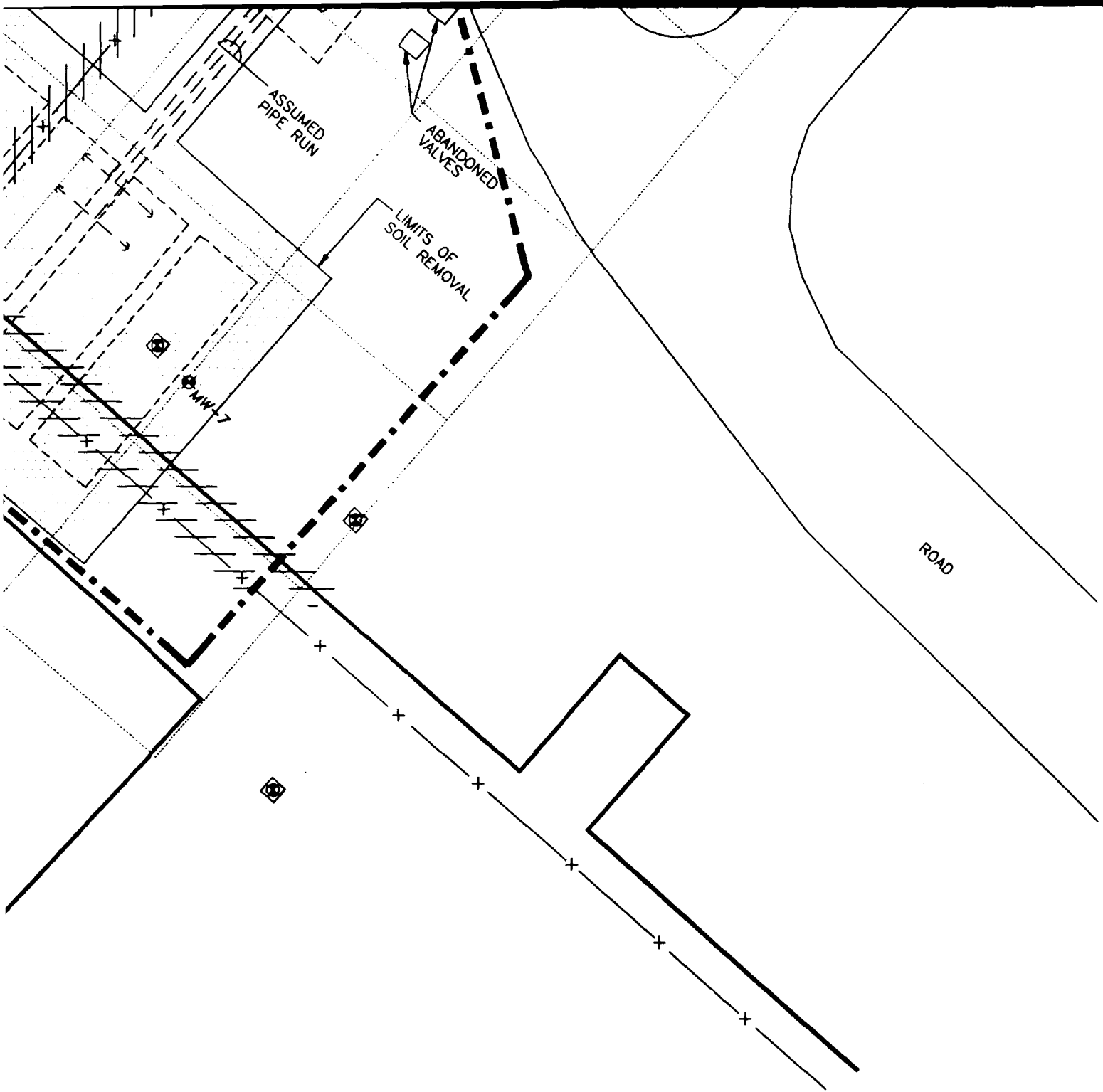
BUILDING
549

DATE

ENGINEERING-SCIENCE

DESIGN • RESEARCH • PLANNING

19101 VILLAVIEW ROAD • SUITE 301 • CLEVELAND, OHIO 44119 • 216/486-
OFFICES IN PRINCIPAL CITIES



05

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HAZARDOUS WASTE STORAGE

RICKENBACKER ANGB, OHIO

(8)



GE AREA		SCALE AS S
		SHEET
	CLOSURE ACTIVITIES	FILE NC

